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Petroleum Supply Monthly

with data for February 2017

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Preface

The Petroleum Supply Monthly (PSM) is the monthly component of a series of three publications produced by the Office of Petroleum and Biofuels Statistics of the U.S. Energy Information Administration (EIA). The other two components are the Weekly Petroleum Status Report (WPSR) and the Petroleum Supply Annual (PSA). Together these publications present comprehensive petroleum and biofuel supply data on a weekly, monthly and annual basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of crude oil, petroleum products, and biofuels. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

Scope of data

The PSM presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District levels, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources including federal and state agencies.

Sections

- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
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- Imports by country of origin
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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	252,871	--	--	220,906	11,622	18,856	435,294	31,249	0	1,218,394
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	100,920	-605	11,525	7,080	--	-12,277	16,420	38,870	75,907	156,808
Pentanes Plus	11,686	-605	--	332	--	-1,731	4,189	6,242	2,713	22,816
Liquefied Petroleum Gases	89,234	--	11,525	6,748	--	-10,546	12,231	32,628	73,194	133,992
Ethane/Ethylene	38,559	--	275	--	--	406	--	3,780	34,648	52,516
Propane/Propylene	32,934	--	15,205	5,995	--	-8,851	--	25,993	36,992	50,591
Normal Butane/Butylene	9,509	--	-4,091	470	--	-2,817	6,826	2,655	-776	22,076
Isobutane/Isobutylene	8,232	--	136	283	--	716	5,405	200	2,330	8,809
Other Liquids	--	32,817	--	31,802	4,199	-3,493	56,948	16,213	-850	347,324
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	32,822	--	1,599	3,928	173	32,671	5,504	0	31,667
Hydrogen	--	--	--	--	6,074	--	6,074	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,843	--	386	-424	-415	122	2,098	0	1,114
Renewable Fuels (including Fuel Ethanol) ...	--	30,979	--	1,173	-1,720	585	26,440	3,407	0	30,533
Fuel Ethanol ⁵	--	28,747	--	377	-688	395	24,692	3,349	0	23,028
Renewable Fuels Except Fuel Ethanol	--	2,232	--	796	-1,032	190	1,748	57	0	7,505
Other Hydrocarbons	--	--	--	40	-2	3	35	--	0	20
Unfinished Oils	--	--	--	15,900	--	495	7,882	8,373	-850	88,257
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	-5	--	14,303	272	-4,160	16,394	2,336	0	227,391
Reformulated	--	-1	--	6,232	7,971	-2,412	16,610	4	0	53,132
Conventional	--	-4	--	8,071	-7,699	-1,748	-216	2,332	0	174,259
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-1	1	--	0	9
Finished Petroleum Products	--	69	526,398	21,683	1,666	-6,454	--	94,060	462,210	326,768
Finished Motor Gasoline	--	69	267,455	1,007	416	-2,769	--	20,045	251,671	25,727
Reformulated	--	--	88,234	--	-7,780	0	--	--	80,454	55
Conventional	--	69	179,221	1,007	8,195	-2,769	--	20,045	171,217	25,672
Finished Aviation Gasoline	--	--	187	1	--	-65	--	--	253	953
Kerosene-Type Jet Fuel	--	--	44,920	4,129	--	1,506	--	4,852	42,691	43,906
Kerosene	--	--	28	--	--	-157	--	7	178	2,211
Distillate Fuel Oil ⁵	--	--	130,822	5,564	1,250	-6,696	--	34,992	109,341	162,241
15 ppm sulfur and under	--	--	121,080	3,672	1,250	-4,699	--	28,930	101,771	142,585
Greater than 15 ppm to 500 ppm sulfur	--	--	3,004	35	--	-1,185	--	4,196	28	7,504
Greater than 500 ppm sulfur	--	--	6,738	1,857	--	-812	--	1,865	7,542	12,152
Residual Fuel Oil ⁶	--	--	13,552	6,307	--	-884	--	13,186	7,557	39,573
Less than 0.31 percent sulfur	--	--	1,770	125	--	73	--	NA	NA	3,697
0.31 to 1.00 percent sulfur	--	--	1,337	211	--	-573	--	NA	NA	7,831
Greater than 1.00 percent sulfur	--	--	10,445	5,971	--	-384	--	NA	NA	28,039
Petrochemical Feedstocks	--	--	8,690	1,579	--	103	--	--	10,166	3,271
Naphtha for Petro. Feed. Use	--	--	6,212	1,015	--	91	--	--	7,136	2,301
Other Oils for Petro. Feed. Use	--	--	2,478	564	--	12	--	--	3,030	970
Special Naphthas	--	--	1,018	502	--	-111	--	--	1,631	1,124
Lubricants	--	--	5,091	1,226	--	-166	--	3,026	3,457	11,470
Waxes	--	--	156	168	--	11	--	115	198	707
Petroleum Coke	--	--	24,498	318	--	155	--	17,325	7,336	7,264
Marketable	--	--	18,397	318	--	155	--	17,325	1,235	7,264
Catalyst	--	--	6,101	--	--	--	--	--	6,101	--
Asphalt and Road Oil	--	--	9,031	881	--	2,673	--	494	6,745	27,656
Still Gas	--	--	18,428	--	--	--	--	--	18,428	--
Miscellaneous Products	--	--	2,522	1	--	-54	--	19	2,558	665
Total	353,791	32,281	537,923	281,471	17,488	-3,368	508,662	180,392	537,267	2,049,294

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	526,835	--	--	482,403	19,424	38,980	935,307	54,375	0	1,218,394
Natural Gas Plant Liquids and Liquefied Refinery Gases	205,229	-1,289	22,480	15,867	--	-46,658	36,561	82,319	170,065	156,808
Pentanes Plus	24,038	-1,289	--	967	--	-2,216	8,664	11,640	5,628	22,816
Liquefied Petroleum Gases	181,191	--	22,480	14,900	--	-44,442	27,897	70,679	164,437	133,992
Ethane/Ethylene	76,677	--	360	--	--	-1,489	--	7,965	70,561	52,516
Propane/Propylene	67,923	--	32,691	13,499	--	-33,505	--	58,316	89,302	50,591
Normal Butane/Butylene	19,217	--	-10,411	818	--	-10,132	15,981	4,083	-308	22,076
Isobutane/Isobutylene	17,374	--	-160	583	--	684	11,916	314	4,883	8,809
Other Liquids	--	69,555	--	72,649	10,407	29,219	92,009	32,474	-1,091	347,324
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	69,564	--	2,963	8,273	3,266	67,044	10,490	0	31,667
Hydrogen	--	--	--	--	12,438	--	12,438	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	4,140	--	804	-970	-363	198	4,139	0	1,114
Renewable Fuels (including Fuel Ethanol)	--	65,424	--	2,081	-3,195	3,626	54,334	6,351	0	30,533
Fuel Ethanol ⁵	--	60,988	--	771	-1,200	3,497	50,811	6,251	0	23,028
Renewable Fuels Except Fuel Ethanol	--	4,436	--	1,310	-1,994	129	3,523	101	0	7,505
Other Hydrocarbons	--	--	--	78	-1	3	74	--	0	20
Unfinished Oils	--	--	--	36,406	--	7,675	13,553	16,261	-1,083	88,257
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	-9	--	33,280	2,134	18,278	11,404	5,723	0	227,391
Reformulated	--	-1	--	12,713	15,517	983	27,231	15	0	53,132
Conventional	--	-8	--	20,567	-13,383	17,295	-15,827	5,708	0	174,259
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	8	--	-8	9
Finished Petroleum Products	--	164	1,105,520	42,186	1,426	-2,903	--	187,651	964,548	326,768
Finished Motor Gasoline	--	164	556,266	2,041	-934	-2,883	--	45,164	515,257	25,727
Reformulated	--	--	182,127	--	-15,843	8	--	--	166,276	55
Conventional	--	164	374,139	2,041	14,910	-2,891	--	45,164	348,981	25,672
Finished Aviation Gasoline	--	--	496	3	--	-41	--	--	540	953
Kerosene-Type Jet Fuel	--	--	94,997	8,480	--	1,130	--	10,258	92,089	43,906
Kerosene	--	--	615	--	--	-50	--	62	603	2,211
Distillate Fuel Oil ⁵	--	--	279,523	11,892	2,359	-3,215	--	70,431	226,558	162,241
15 ppm sulfur and under	--	--	258,922	8,264	2,359	-435	--	58,287	211,693	142,585
Greater than 15 ppm to 500 ppm sulfur	--	--	7,104	77	--	-1,318	--	8,349	150	7,504
Greater than 500 ppm sulfur	--	--	13,497	3,551	--	-1,462	--	3,795	14,715	12,152
Residual Fuel Oil ⁶	--	--	28,225	11,760	--	-1,970	--	20,142	21,813	39,573
Less than 0.31 percent sulfur	--	--	3,413	375	--	226	--	NA	NA	3,697
0.31 to 1.00 percent sulfur	--	--	3,345	478	--	-1,241	--	NA	NA	7,831
Greater than 1.00 percent sulfur	--	--	21,467	10,907	--	-955	--	NA	NA	28,039
Petrochemical Feedstocks	--	--	17,925	2,225	--	31	--	--	20,119	3,271
Naphtha for Petro. Feed. Use	--	--	12,682	1,567	--	290	--	--	13,959	2,301
Other Oils for Petro. Feed. Use	--	--	5,243	658	--	-259	--	--	6,160	970
Special Naphthas	--	--	2,038	1,013	--	-94	--	--	3,145	1,124
Lubricants	--	--	10,173	2,514	--	-905	--	6,879	6,713	11,470
Waxes	--	--	311	249	--	36	--	222	302	707
Petroleum Coke	--	--	53,213	514	--	281	--	33,327	20,119	7,264
Marketable	--	--	39,958	514	--	281	--	33,327	6,864	7,264
Catalyst	--	--	13,255	--	--	--	--	--	13,255	--
Asphalt and Road Oil	--	--	16,995	1,493	--	4,790	--	1,011	12,687	27,656
Still Gas	--	--	39,267	--	--	--	--	--	39,267	--
Miscellaneous Products	--	--	5,476	2	--	-13	--	154	5,337	665
Total	732,064	68,430	1,128,000	613,105	31,256	18,638	1,063,877	356,819	1,133,522	2,049,294

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	9,031	--	--	7,890	415	673	15,546	1,116	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	3,604	-22	412	253	--	-438	586	1,388	2,711
Pentanes Plus	417	-22	--	12	--	-62	150	223	97
Liquefied Petroleum Gases	3,187	--	412	241	--	-377	437	1,165	2,614
Ethane/Ethylene	1,377	--	10	--	--	15	--	135	1,237
Propane/Propylene	1,176	--	543	214	--	-316	--	928	1,321
Normal Butane/Butylene	340	--	-146	17	--	-101	244	95	-28
Isobutane/Isobutylene	294	--	5	10	--	26	193	7	83
Other Liquids	--	1,172	--	1,136	150	-125	2,034	579	-30
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,172	--	57	140	6	1,167	197	0
Hydrogen	--	--	--	--	217	--	217	--	0
Oxygenates (excluding Fuel Ethanol)	--	66	--	14	-15	-15	4	75	0
Renewable Fuels (including Fuel Ethanol)	--	1,106	--	42	-61	21	944	122	0
Fuel Ethanol	--	1,027	--	13	-25	14	882	120	0
Renewable Fuels Except Fuel Ethanol	--	80	--	28	-37	7	62	2	0
Other Hydrocarbons	--	--	--	1	0	0	1	--	0
Unfinished Oils	--	--	--	568	--	18	282	299	-30
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	511	10	-149	586	83	0
Reformulated	--	0	--	223	285	-86	593	0	0
Conventional	--	0	--	288	-275	-62	-8	83	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	2	18,800	774	60	-231	--	3,359	16,508
Finished Motor Gasoline	--	2	9,552	36	15	-99	--	716	8,988
Reformulated	--	--	3,151	--	-278	0	--	--	2,873
Conventional	--	2	6,401	36	293	-99	--	716	6,115
Finished Aviation Gasoline	--	--	7	0	--	-2	--	--	9
Kerosene-Type Jet Fuel	--	--	1,604	147	--	54	--	173	1,525
Kerosene	--	--	1	--	--	-6	--	0	6
Distillate Fuel Oil ⁵	--	--	4,672	199	45	-239	--	1,250	3,905
15 ppm sulfur and under	--	--	4,324	131	45	-168	--	1,033	3,635
Greater than 15 ppm to 500 ppm sulfur	--	--	107	1	--	-42	--	150	1
Greater than 500 ppm sulfur	--	--	241	66	--	-29	--	67	269
Residual Fuel Oil ⁶	--	--	484	225	--	-32	--	471	270
Less than 0.31 percent sulfur	--	--	63	4	--	3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	48	8	--	-20	--	NA	NA
Greater than 1.00 percent sulfur	--	--	373	213	--	-14	--	NA	NA
Petrochemical Feedstocks	--	--	310	56	--	4	--	--	363
Naphtha for Petro. Feed. Use	--	--	222	36	--	3	--	--	255
Other Oils for Petro. Feed. Use	--	--	89	20	--	0	--	--	108
Special Naphthas	--	--	36	18	--	-4	--	--	58
Lubricants	--	--	182	44	--	-6	--	108	123
Waxes	--	--	6	6	--	0	--	4	7
Petroleum Coke	--	--	875	11	--	6	--	619	262
Marketable	--	--	657	11	--	6	--	619	44
Catalyst	--	--	218	--	--	--	--	--	218
Asphalt and Road Oil	--	--	323	31	--	95	--	18	241
Still Gas	--	--	658	--	--	--	--	--	658
Miscellaneous Products	--	--	90	0	--	-2	--	1	91
Total	12,635	1,153	19,212	10,053	625	-120	18,167	6,443	19,188

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	8,929	--	--	8,176	329	661	15,853	922	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	3,478	-22	381	269	--	-791	620	1,395	2,882
Pentanes Plus	407	-22	--	16	--	-38	147	197	95
Liquefied Petroleum Gases	3,071	--	381	253	--	-753	473	1,198	2,787
Ethane/Ethylene	1,300	--	6	--	--	-25	--	135	1,196
Propane/Propylene	1,151	--	554	229	--	-568	--	988	1,514
Normal Butane/Butylene	326	--	-176	14	--	-172	271	69	-5
Isobutane/Isobutylene	294	--	-3	10	--	12	202	5	83
Other Liquids	--	1,179	--	1,231	176	495	1,559	550	-18
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,179	--	50	140	55	1,136	178	0
Hydrogen	--	--	--	--	211	--	211	--	0
Oxygenates (excluding Fuel Ethanol)	--	70	--	14	-16	-6	3	70	0
Renewable Fuels (including Fuel Ethanol)	--	1,109	--	35	-54	61	921	108	0
Fuel Ethanol	--	1,034	--	13	-20	59	861	106	0
Renewable Fuels Except Fuel Ethanol	--	75	--	22	-34	2	60	2	0
Other Hydrocarbons	--	--	--	1	0	0	1	--	0
Unfinished Oils	--	--	--	617	--	130	230	276	-18
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	564	36	310	193	97	0
Reformulated	--	0	--	215	263	17	462	0	0
Conventional	--	0	--	349	-227	293	-268	97	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	3	18,738	715	24	-49	--	3,181	16,348
Finished Motor Gasoline	--	3	9,428	35	-16	-49	--	765	8,733
Reformulated	--	--	3,087	--	-269	0	--	--	2,818
Conventional	--	3	6,341	35	253	-49	--	765	5,915
Finished Aviation Gasoline	--	--	8	0	--	-1	--	--	9
Kerosene-Type Jet Fuel	--	--	1,610	144	--	19	--	174	1,561
Kerosene	--	--	10	--	--	-1	--	1	10
Distillate Fuel Oil ⁵	--	--	4,738	202	40	-54	--	1,194	3,840
15 ppm sulfur and under	--	--	4,389	140	40	-7	--	988	3,588
Greater than 15 ppm to 500 ppm sulfur	--	--	120	1	--	-22	--	142	3
Greater than 500 ppm sulfur	--	--	229	60	--	-25	--	64	249
Residual Fuel Oil ⁶	--	--	478	199	--	-33	--	341	370
Less than 0.31 percent sulfur	--	--	58	6	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	57	8	--	-21	--	NA	NA
Greater than 1.00 percent sulfur	--	--	364	185	--	-16	--	NA	NA
Petrochemical Feedstocks	--	--	304	38	--	1	--	--	341
Naphtha for Petro. Feed. Use	--	--	215	27	--	5	--	--	237
Other Oils for Petro. Feed. Use	--	--	89	11	--	-4	--	--	104
Special Naphthas	--	--	35	17	--	-2	--	--	53
Lubricants	--	--	172	43	--	-15	--	117	114
Waxes	--	--	5	4	--	1	--	4	5
Petroleum Coke	--	--	902	9	--	5	--	565	341
Marketable	--	--	677	9	--	5	--	565	116
Catalyst	--	--	225	--	--	--	--	--	225
Asphalt and Road Oil	--	--	288	25	--	81	--	17	215
Still Gas	--	--	666	--	--	--	--	--	666
Miscellaneous Products	--	--	93	0	--	0	--	3	90
Total	12,408	1,160	19,119	10,392	530	316	18,032	6,048	19,212

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	1,252	--	--	18,545	4,647	62	-1,373	25,268	610	0	16,550
Natural Gas Plant Liquids and Liquefied Refinery Gases	10,735	-15	242	2,120	-369	--	-1,201	1,083	5,935	6,896	5,813
Pentanes Plus	1,050	-15	--	--	-10	--	-177	212	4,408	-3,418	159
Liquefied Petroleum Gases	9,685	--	242	2,120	-359	--	-1,024	871	1,527	10,314	5,654
Ethane/Ethylene	4,397	--	10	--	-3,146	--	57	--	787	417	336
Propane/Propylene	3,646	--	918	2,034	2,485	--	-922	--	734	9,271	4,207
Normal Butane/Butylene	1,089	--	-640	16	373	--	-130	478	5	485	894
Isobutane/Isobutylene	553	--	-46	70	-71	--	-29	393	1	141	217
Other Liquids	--	857	--	15,899	48,925	9,031	107	74,035	2,171	-1,600	84,512
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	860	--	456	7,487	1,213	517	9,483	17	0	10,838
Hydrogen	--	--	--	--	--	110	--	110	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	860	--	455	7,487	1,103	517	9,373	16	0	10,838
Fuel Ethanol	--	776	--	--	7,387	1,283	415	9,021	10	0	8,339
Renewable Fuels Except Fuel Ethanol	--	84	--	455	100	-180	102	352	6	0	2,499
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0	--
Unfinished Oils	--	--	--	3,653	-18	--	715	2,371	2,149	-1,600	6,391
Motor Gasoline Blend. Comp. (MGBC)	--	-3	--	11,790	41,456	7,818	-1,125	62,181	5	0	67,283
Reformulated	--	--	--	6,232	7,005	3,187	-51	16,474	1	0	22,445
Conventional	--	-3	--	5,558	34,451	4,632	-1,074	45,707	5	0	44,838
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	101,540	10,339	46,131	-8,921	-4,348	--	6,670	146,766	97,718
Finished Motor Gasoline	--	--	86,525	812	10,338	-9,101	-368	--	896	88,046	5,478
Reformulated	--	--	34,613	--	--	-3,066	-2	--	--	31,549	37
Conventional	--	--	51,912	812	10,338	-6,035	-366	--	896	56,496	5,441
Finished Aviation Gasoline	--	--	--	1	403	--	34	--	--	370	226
Kerosene-Type Jet Fuel	--	--	1,882	1,591	12,717	--	1,565	--	17	14,608	11,561
Kerosene	--	--	34	--	--	--	-119	--	3	150	1,805
Distillate Fuel Oil ⁶	--	--	7,950	4,854	22,058	180	-5,871	--	2,901	38,012	61,160
15 ppm sulfur and under	--	--	5,531	3,209	20,523	180	-4,015	--	1,766	31,692	49,963
Greater than 15 ppm to 500 ppm sulfur	--	--	328	35	164	--	-1,393	--	1,135	785	4,758
Greater than 500 ppm sulfur	--	--	2,091	1,610	1,371	--	-463	--	--	5,535	6,439
Residual Fuel Oil ⁷	--	--	1,080	2,362	-103	--	-402	--	1,976	1,765	9,910
Less than 0.31 percent sulfur	--	--	448	--	-103	--	152	--	NA	NA	1,255
0.31 to 1.00 percent sulfur	--	--	95	200	--	--	-148	--	NA	NA	2,302
Greater than 1.00 percent sulfur	--	--	537	2,162	--	--	-406	--	NA	NA	6,353
Petrochemical Feedstocks	--	--	85	--	-19	--	-67	--	--	133	95
Naphtha for Petro. Feed. Use	--	--	85	--	--	--	-67	--	--	152	95
Other Oils for Petro. Feed. Use	--	--	--	--	-19	--	--	--	--	-19	--
Special Naphthas	--	--	17	--	--	--	-4	--	--	21	21
Lubricants	--	--	359	146	453	--	-41	--	226	773	1,106
Waxes	--	--	7	46	--	--	11	--	58	-16	411
Petroleum Coke	--	--	1,038	1	--	--	--	--	489	550	--
Marketable	--	--	413	1	--	--	--	--	489	-75	--
Catalyst	--	--	625	--	--	--	--	--	--	625	--
Asphalt and Road Oil	--	--	1,289	526	284	--	917	--	89	1,093	5,914
Still Gas	--	--	1,184	--	--	--	--	--	--	1,184	--
Miscellaneous Products	--	--	90	--	--	--	-3	--	15	78	31
Total	11,987	842	101,782	46,903	99,334	171	-6,815	100,386	15,386	152,063	204,593

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	2,622	--	--	48,702	10,639	2,833	4,305	58,160	2,332	0	16,550
Natural Gas Plant Liquids and Liquefied Refinery Gases	22,638	-30	558	4,729	-84	--	-1,954	2,539	11,488	15,738	5,813
Pentanes Plus	2,185	-30	--	--	-20	--	-24	450	7,871	-6,162	159
Liquefied Petroleum Gases	20,453	--	558	4,729	-64	--	-1,930	2,089	3,618	21,899	5,654
Ethane/Ethylene	9,421	--	30	--	-6,968	--	-104	--	1,987	600	336
Propane/Propylene	7,599	--	1,936	4,513	6,049	--	-1,807	--	1,575	20,329	4,207
Normal Butane/Butylene	2,298	--	-1,409	34	959	--	-78	1,329	54	577	894
Isobutane/Isobutylene	1,135	--	1	182	-104	--	59	760	2	393	217
Other Liquids	--	1,821	--	35,977	103,763	18,926	11,402	147,520	4,040	-2,475	84,512
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	1,827	--	639	16,709	2,118	1,727	19,536	31	0	10,838
Hydrogen	--	--	--	--	--	207	--	207	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	1,827	--	638	16,709	1,910	1,727	19,329	28	0	10,838
Fuel Ethanol	--	1,648	--	--	16,416	2,562	2,053	18,553	21	0	8,339
Renewable Fuels Except Fuel Ethanol	--	179	--	638	292	-652	-326	776	8	0	2,499
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0	--
Unfinished Oils	--	--	--	6,994	-65	--	1,919	3,487	3,998	-2,475	6,391
Motor Gasoline Blend. Comp. (MGBC)	--	-6	--	28,344	87,119	16,808	7,756	124,497	12	0	67,283
Reformulated	--	--	--	12,713	15,121	7,591	2,822	32,602	1	0	22,445
Conventional	--	-6	--	15,631	71,998	9,217	4,934	91,895	11	0	44,838
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	210,702	21,656	94,107	-18,718	-5,041	--	9,346	303,443	97,718
Finished Motor Gasoline	--	--	177,412	1,677	17,331	-19,370	-14	--	1,410	175,654	5,478
Reformulated	--	--	71,958	--	--	-7,197	6	--	--	64,755	37
Conventional	--	--	105,454	1,677	17,331	-12,173	-20	--	1,410	110,899	5,441
Finished Aviation Gasoline	--	--	--	2	1,332	--	62	--	--	1,272	226
Kerosene-Type Jet Fuel	--	--	4,379	3,185	25,520	--	483	--	46	32,555	11,561
Kerosene	--	--	233	--	--	--	34	--	4	195	1,805
Distillate Fuel Oil ⁶	--	--	18,055	10,726	48,413	652	-5,791	--	3,382	80,255	61,160
15 ppm sulfur and under	--	--	13,011	7,556	44,401	652	-3,494	--	2,246	66,868	49,963
Greater than 15 ppm to 500 ppm sulfur	--	--	844	77	254	--	-1,630	--	1,135	1,670	4,758
Greater than 500 ppm sulfur	--	--	4,200	3,093	3,758	--	-667	--	1	11,717	6,439
Residual Fuel Oil ⁷	--	--	2,517	4,847	-103	--	-1,086	--	2,680	5,667	9,910
Less than 0.31 percent sulfur	--	--	822	--	-103	--	255	--	NA	NA	1,255
0.31 to 1.00 percent sulfur	--	--	566	436	--	--	-341	--	NA	NA	2,302
Greater than 1.00 percent sulfur	--	--	1,129	4,411	--	--	-1,000	--	NA	NA	6,353
Petrochemical Feedstocks	--	--	165	--	-37	--	-64	--	--	192	95
Naphtha for Petro. Feed. Use	--	--	165	--	--	--	-64	--	--	229	95
Other Oils for Petro. Feed. Use	--	--	--	--	-37	--	--	--	--	-37	--
Special Naphthas	--	--	37	--	--	--	-1	--	--	38	21
Lubricants	--	--	779	273	984	--	-102	--	377	1,761	1,106
Waxes	--	--	16	104	--	--	34	--	119	-33	411
Petroleum Coke	--	--	2,168	4	--	--	--	--	1,103	1,069	--
Marketable	--	--	828	4	--	--	--	--	1,103	-271	--
Catalyst	--	--	1,340	--	--	--	--	--	--	1,340	--
Asphalt and Road Oil	--	--	2,221	838	667	--	1,410	--	193	2,123	5,914
Still Gas	--	--	2,527	--	--	--	--	--	--	2,527	--
Miscellaneous Products	--	--	193	--	--	--	-6	--	31	168	31
Total	25,260	1,791	211,260	111,064	208,425	3,042	8,712	208,219	27,206	316,705	204,593

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

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⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	45	--	--	662	166	2	-49	902	22	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	383	-1	9	76	-13	--	-43	39	212	246
Pentanes Plus	38	-1	--	--	0	--	-6	8	157	-122
Liquefied Petroleum Gases	346	--	9	76	-13	--	-37	31	55	368
Ethane/Ethylene	157	--	0	--	-112	--	2	--	28	15
Propane/Propylene	130	--	33	73	89	--	-33	--	26	331
Normal Butane/Butylene	39	--	-23	1	13	--	-5	17	0	17
Isobutane/Isobutylene	20	--	-2	3	-3	--	-1	14	0	5
Other Liquids	--	31	--	568	1,747	323	4	2,644	78	-57
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	31	--	16	267	43	18	339	1	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	31	--	16	267	39	18	335	1	0
Fuel Ethanol	--	28	--	--	264	46	15	322	0	0
Renewable Fuels Except Fuel Ethanol	--	3	--	16	4	-6	4	13	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	130	-1	--	26	85	77	-57
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	421	1,481	279	-40	2,221	0	0
Reformulated	--	--	--	223	250	114	-2	588	0	0
Conventional	--	0	--	199	1,230	165	-38	1,632	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,626	369	1,648	-319	-155	--	238	5,242
Finished Motor Gasoline	--	--	3,090	29	369	-325	-13	--	32	3,144
Reformulated	--	--	1,236	--	--	-109	0	--	--	1,127
Conventional	--	--	1,854	29	369	-216	-13	--	32	2,018
Finished Aviation Gasoline	--	--	--	0	14	--	1	--	--	13
Kerosene-Type Jet Fuel	--	--	67	57	454	--	56	--	1	522
Kerosene	--	--	1	--	--	--	-4	--	0	5
Distillate Fuel Oil ⁶	--	--	284	173	788	6	-210	--	104	1,358
15 ppm sulfur and under	--	--	198	115	733	6	-143	--	63	1,132
Greater than 15 ppm to 500 ppm sulfur	--	--	12	1	6	--	-50	--	41	28
Greater than 500 ppm sulfur	--	--	75	58	49	--	-17	--	--	198
Residual Fuel Oil ⁷	--	--	39	84	-4	--	-14	--	71	63
Less than 0.31 percent sulfur	--	--	16	--	-4	--	5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	3	7	--	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	19	77	--	--	-15	--	NA	NA
Petrochemical Feedstocks	--	--	3	--	-1	--	-2	--	--	5
Naphtha for Petro. Feed. Use	--	--	3	--	--	--	-2	--	--	5
Other Oils for Petro. Feed. Use	--	--	--	--	-1	--	--	--	--	-1
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	5	16	--	-1	--	8	28
Waxes	--	--	0	2	--	--	0	--	2	-1
Petroleum Coke	--	--	37	0	--	--	--	--	17	20
Marketable	--	--	15	0	--	--	--	--	17	-3
Catalyst	--	--	22	--	--	--	--	--	--	22
Asphalt and Road Oil	--	--	46	19	10	--	33	--	3	39
Still Gas	--	--	42	--	--	--	--	--	--	42
Miscellaneous Products	--	--	3	--	--	--	0	--	1	3
Total	428	30	3,635	1,675	3,548	6	-243	3,585	550	5,431

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	44	--	--	825	180	48	73	986	40	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	384	-1	9	80	-1	--	-33	43	195	267
Pentanes Plus	37	-1	--	--	0	--	0	8	133	-104
Liquefied Petroleum Gases	347	--	9	80	-1	--	-33	35	61	371
Ethane/Ethylene	160	--	1	--	-118	--	-2	--	34	10
Propane/Propylene	129	--	33	76	103	--	-31	--	27	345
Normal Butane/Butylene	39	--	-24	1	16	--	-1	23	1	10
Isobutane/Isobutylene	19	--	0	3	-2	--	1	13	0	7
Other Liquids	--	31	--	610	1,759	321	193	2,500	68	-42
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	31	--	11	283	36	29	331	1	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	31	--	11	283	32	29	328	0	0
Fuel Ethanol	--	28	--	--	278	43	35	314	0	0
Renewable Fuels Except Fuel Ethanol	--	3	--	11	5	-11	-6	13	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	119	-1	--	33	59	68	-42
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	480	1,477	285	131	2,110	0	0
Reformulated	--	--	--	215	256	129	48	553	0	0
Conventional	--	0	--	265	1,220	156	84	1,558	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,571	367	1,595	-317	-85	--	158	5,143
Finished Motor Gasoline	--	--	3,007	28	294	-328	0	--	24	2,977
Reformulated	--	--	1,220	--	--	-122	0	--	--	1,098
Conventional	--	--	1,787	28	294	-206	0	--	24	1,880
Finished Aviation Gasoline	--	--	--	0	23	--	1	--	--	22
Kerosene-Type Jet Fuel	--	--	74	54	433	--	8	--	1	552
Kerosene	--	--	4	--	--	--	1	--	0	3
Distillate Fuel Oil ⁶	--	--	306	182	821	11	-98	--	57	1,360
15 ppm sulfur and under	--	--	221	128	753	11	-59	--	38	1,133
Greater than 15 ppm to 500 ppm sulfur	--	--	14	1	4	--	-28	--	19	28
Greater than 500 ppm sulfur	--	--	71	52	64	--	-11	--	0	199
Residual Fuel Oil ⁷	--	--	43	82	-2	--	-18	--	45	96
Less than 0.31 percent sulfur	--	--	14	--	-2	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	10	7	--	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	19	75	--	--	-17	--	NA	NA
Petrochemical Feedstocks	--	--	3	--	-1	--	-1	--	--	3
Naphtha for Petro. Feed. Use	--	--	3	--	--	--	-1	--	--	4
Other Oils for Petro. Feed. Use	--	--	--	--	-1	--	--	--	--	-1
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	13	5	17	--	-2	--	6	30
Waxes	--	--	0	2	--	--	1	--	2	-1
Petroleum Coke	--	--	37	0	--	--	--	--	19	18
Marketable	--	--	14	0	--	--	--	--	19	-5
Catalyst	--	--	23	--	--	--	--	--	--	23
Asphalt and Road Oil	--	--	38	14	11	--	24	--	3	36
Still Gas	--	--	43	--	--	--	--	--	--	43
Miscellaneous Products	--	--	3	--	--	--	0	--	1	3
Total	428	30	3,581	1,882	3,533	52	148	3,529	461	5,368

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	45,949	--	--	75,636	-4,804	-6,732	2,267	101,597	6,185	0	152,387
Natural Gas Plant Liquids and Liquefied Refinery Gases	22,659	-552	1,743	2,977	-8,334	--	-2,849	3,229	3,132	14,981	36,807
Pentanes Plus	2,385	-552	--	2	4,483	--	574	562	1,268	3,914	10,114
Liquefied Petroleum Gases	20,274	--	1,743	2,975	-12,817	--	-3,423	2,667	1,864	11,067	26,693
Ethane/Ethylene	7,831	--	--	--	-3,907	--	822	--	1,678	1,424	6,127
Propane/Propylene	8,337	--	3,267	2,582	-8,082	--	-2,608	--	66	8,646	13,644
Normal Butane/Butylene	2,840	--	-1,416	208	-1,173	--	-1,712	1,311	120	740	5,046
Isobutane/Isobutylene	1,266	--	-108	185	345	--	75	1,356	--	257	1,876
Other Liquids	--	28,172	--	429	-11,052	-3,284	2,222	12,050	674	-680	77,104
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	28,174	--	19	-16,938	-1,907	752	8,023	574	0	9,661
Hydrogen	--	--	--	--	--	1,078	--	1,078	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	6	--	--	--	-6	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	28,168	--	16	-16,938	-3,014	749	6,910	574	0	9,641
Fuel Ethanol	--	26,588	--	--	-16,489	-2,316	630	6,580	573	0	8,594
Renewable Fuels Except Fuel Ethanol	--	1,580	--	16	-449	-698	119	330	0	0	1,047
Other Hydrocarbons	--	--	--	3	--	35	3	35	--	0	20
Unfinished Oils	--	--	--	--	-200	--	496	-113	97	-680	13,933
Motor Gasoline Blend. Comp. (MGBC)	--	-2	--	410	6,086	-1,377	974	4,140	3	0	53,510
Reformulated	--	-1	--	--	1,192	-668	-456	979	--	0	6,820
Conventional	--	-1	--	410	4,894	-709	1,430	3,161	3	0	46,690
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	69	121,372	687	1,101	4,391	654	--	1,269	125,697	66,309
Finished Motor Gasoline	--	69	68,375	--	-686	3,693	-1,091	--	52	72,489	6,454
Reformulated	--	--	9,959	--	--	788	--	--	--	10,747	--
Conventional	--	69	58,416	--	-686	2,904	-1,091	--	52	61,742	6,454
Finished Aviation Gasoline	--	--	21	--	23	--	-40	--	--	84	182
Kerosene-Type Jet Fuel	--	--	6,837	5	712	--	1,001	--	34	6,519	8,176
Kerosene	--	--	38	--	--	--	-24	--	1	61	141
Distillate Fuel Oil	--	--	29,918	14	1,755	698	17	--	477	31,891	35,205
15 ppm sulfur and under	--	--	30,105	14	1,620	698	90	--	2	32,345	34,235
Greater than 15 ppm to 500 ppm sulfur	--	--	112	--	95	--	14	--	380	-187	410
Greater than 500 ppm sulfur	--	--	-299	--	40	--	-87	--	95	-267	560
Residual Fuel Oil ⁶	--	--	1,378	95	-888	--	-57	--	415	227	1,392
Less than 0.31 percent sulfur	--	--	76	--	--	--	2	--	NA	NA	44
0.31 to 1.00 percent sulfur	--	--	240	11	7	--	59	--	NA	NA	265
Greater than 1.00 percent sulfur	--	--	1,062	84	-864	--	-118	--	NA	NA	1,083
Petrochemical Feedstocks	--	--	896	152	-108	--	-22	--	--	962	604
Naphtha for Petro. Feed. Use	--	--	641	77	-81	--	-26	--	--	663	451
Other Oils for Petro. Feed. Use	--	--	255	75	-27	--	4	--	--	299	153
Special Naphthas	--	--	46	36	--	--	-19	--	--	101	120
Lubricants	--	--	230	176	212	--	11	--	194	413	696
Waxes	--	--	33	3	--	--	-3	--	19	20	44
Petroleum Coke	--	--	5,205	26	--	--	-203	--	45	5,389	898
Marketable	--	--	3,885	26	--	--	-203	--	45	4,069	898
Catalyst	--	--	1,320	--	--	--	--	--	--	1,320	--
Asphalt and Road Oil	--	--	4,225	180	71	--	1,075	--	30	3,371	12,279
Still Gas	--	--	3,739	--	--	--	--	--	--	3,739	--
Miscellaneous Products	--	--	431	--	10	--	9	--	--	432	118
Total	68,608	27,689	123,115	79,729	-23,089	-5,625	2,294	116,876	11,259	139,998	332,607

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

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² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	94,557	--	--	157,627	-15,328	-6,394	1,108	216,981	12,373	0	152,387
Natural Gas Plant Liquids and Liquefied Refinery Gases	44,864	-1,181	2,413	6,640	-13,571	--	-11,120	6,952	6,614	36,719	36,807
Pentanes Plus	4,875	-1,181	--	7	9,696	--	822	852	2,597	9,126	10,114
Liquefied Petroleum Gases	39,989	--	2,413	6,633	-23,267	--	-11,942	6,100	4,017	27,593	26,693
Ethane/Ethylene	14,575	--	--	--	-6,829	--	446	--	3,578	3,722	6,127
Propane/Propylene	17,007	--	6,756	5,906	-15,601	--	-8,490	--	176	22,382	13,644
Normal Butane/Butylene	5,790	--	-3,997	378	-1,568	--	-3,872	3,164	263	1,048	5,046
Isobutane/Isobutylene	2,617	--	-346	349	731	--	-26	2,936	0	441	1,876
Other Liquids	--	59,570	--	895	-24,477	-4,979	10,566	20,372	2,642	-2,571	77,104
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	59,573	--	48	-37,775	-2,092	1,860	16,721	1,173	0	9,661
Hydrogen	--	--	--	--	--	2,339	--	2,339	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	6	--	--	--	-5	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	59,567	--	18	-37,775	-4,473	1,857	14,308	1,173	0	9,641
Fuel Ethanol	--	56,428	--	--	-36,740	-3,411	1,500	13,616	1,161	0	8,594
Renewable Fuels Except Fuel Ethanol	--	3,139	--	18	-1,034	-1,062	357	692	12	0	1,047
Other Hydrocarbons	--	--	--	30	--	47	3	74	--	0	20
Unfinished Oils	--	--	--	--	-528	--	796	-218	1,465	-2,571	13,933
Motor Gasoline Blend. Comp. (MGBC)	--	-3	--	847	13,826	-2,888	7,910	3,869	3	0	53,510
Reformulated	--	-1	--	--	2,478	-1,623	273	581	--	0	6,820
Conventional	--	-2	--	847	11,348	-1,265	7,637	3,288	3	0	46,690
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	164	255,477	1,514	3,537	7,380	4,876	--	2,851	260,345	66,309
Finished Motor Gasoline	--	164	142,751	--	-807	6,299	-793	--	95	149,104	6,454
Reformulated	--	--	20,587	--	--	1,877	--	--	--	22,464	--
Conventional	--	164	122,164	--	-807	4,421	-793	--	95	126,640	6,454
Finished Aviation Gasoline	--	--	78	1	132	--	-29	--	--	240	182
Kerosene-Type Jet Fuel	--	--	14,619	5	1,454	--	1,347	--	774	13,957	8,176
Kerosene	--	--	172	--	--	--	-55	--	1	226	141
Distillate Fuel Oil	--	--	63,783	115	4,169	1,082	2,643	--	802	65,704	35,205
15 ppm sulfur and under	--	--	64,079	104	3,997	1,082	2,947	--	3	66,312	34,235
Greater than 15 ppm to 500 ppm sulfur	--	--	270	--	160	--	-40	--	618	-148	410
Greater than 500 ppm sulfur	--	--	-566	11	12	--	-264	--	182	-461	560
Residual Fuel Oil ⁶	--	--	3,176	220	-1,732	--	-97	--	593	1,168	1,392
Less than 0.31 percent sulfur	--	--	154	--	--	--	12	--	NA	NA	44
0.31 to 1.00 percent sulfur	--	--	495	42	-62	--	-22	--	NA	NA	265
Greater than 1.00 percent sulfur	--	--	2,527	178	-1,639	--	-87	--	NA	NA	1,083
Petrochemical Feedstocks	--	--	1,991	315	-242	--	71	--	--	1,993	604
Naphtha for Petro. Feed. Use	--	--	1,492	159	-163	--	60	--	--	1,428	451
Other Oils for Petro. Feed. Use	--	--	499	156	-79	--	11	--	--	565	153
Special Naphthas	--	--	88	70	44	--	-41	--	--	243	120
Lubricants	--	--	440	378	408	--	-44	--	335	935	696
Waxes	--	--	67	8	--	--	0	--	44	31	44
Petroleum Coke	--	--	11,364	41	--	--	-180	--	89	11,496	898
Marketable	--	--	8,527	41	--	--	-180	--	89	8,659	898
Catalyst	--	--	2,837	--	--	--	--	--	--	2,837	--
Asphalt and Road Oil	--	--	7,894	361	81	--	2,059	--	116	6,161	12,279
Still Gas	--	--	8,109	--	--	--	--	--	--	8,109	--
Miscellaneous Products	--	--	945	--	30	--	-5	--	0	980	118
Total	139,421	58,553	257,890	166,676	-49,838	-3,993	5,430	244,305	24,480	294,493	332,607

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,641	--	--	2,701	-172	-240	81	3,628	221	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	809	-20	62	106	-298	--	-102	115	112	535
Pentanes Plus	85	-20	--	0	160	--	21	20	45	140
Liquefied Petroleum Gases	724	--	62	106	-458	--	-122	95	67	395
Ethane/Ethylene	280	--	--	--	-140	--	29	--	60	51
Propane/Propylene	298	--	117	92	-289	--	-93	--	2	309
Normal Butane/Butylene	101	--	-51	7	-42	--	-61	47	4	26
Isobutane/Isobutylene	45	--	-4	7	12	--	3	48	--	9
Other Liquids	--	1,006	--	15	-395	-117	79	430	24	-24
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	1,006	--	1	-605	-68	27	287	21	0
Hydrogen	--	--	--	--	--	39	--	39	--	0
Oxygenates (excluding Fuel Ethanol)	--	0	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ..	--	1,006	--	1	-605	-108	27	247	20	0
Fuel Ethanol	--	950	--	--	-589	-83	23	235	20	0
Renewable Fuels Except Fuel Ethanol	--	56	--	1	-16	-25	4	12	0	0
Other Hydrocarbons	--	--	--	0	--	1	0	1	--	0
Unfinished Oils	--	--	--	--	-7	--	18	-4	3	-24
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	15	217	-49	35	148	0	0
Reformulated	--	0	--	--	43	-24	-16	35	--	0
Conventional	--	0	--	15	175	-25	51	113	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	2	4,335	25	39	157	23	--	45	4,489
Finished Motor Gasoline	--	2	2,442	--	-25	132	-39	--	2	2,589
Reformulated	--	--	356	--	--	28	--	--	--	384
Conventional	--	2	2,086	--	-25	104	-39	--	2	2,205
Finished Aviation Gasoline	--	--	1	--	1	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	244	0	25	--	36	--	1	233
Kerosene	--	--	1	--	--	--	-1	--	0	2
Distillate Fuel Oil	--	--	1,069	1	63	25	1	--	17	1,139
15 ppm sulfur and under	--	--	1,075	1	58	25	3	--	0	1,155
Greater than 15 ppm to 500 ppm sulfur	--	--	4	--	3	--	1	--	14	-7
Greater than 500 ppm sulfur	--	--	-11	--	1	--	-3	--	3	-10
Residual Fuel Oil ⁶	--	--	49	3	-32	--	-2	--	15	8
Less than 0.31 percent sulfur	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	9	0	0	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	38	3	-31	--	-4	--	NA	NA
Petrochemical Feedstocks	--	--	32	5	-4	--	-1	--	--	34
Naphtha for Petro. Feed. Use	--	--	23	3	-3	--	-1	--	--	24
Other Oils for Petro. Feed. Use	--	--	9	3	-1	--	0	--	--	11
Special Naphthas	--	--	2	1	--	--	-1	--	--	4
Lubricants	--	--	8	6	8	--	0	--	7	15
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	186	1	--	--	-7	--	2	192
Marketable	--	--	139	1	--	--	-7	--	2	145
Catalyst	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	151	6	3	--	38	--	1	120
Still Gas	--	--	134	--	--	--	--	--	--	134
Miscellaneous Products	--	--	15	--	0	--	0	--	--	15
Total	2,450	989	4,397	2,847	-825	-201	82	4,174	402	5,000

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,603	--	--	2,672	-260	-108	19	3,678	210	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	760	-20	41	113	-230	--	-188	118	112	622
Pentanes Plus	83	-20	--	0	164	--	14	14	44	155
Liquefied Petroleum Gases	678	--	41	112	-394	--	-202	103	68	468
Ethane/Ethylene	247	--	--	--	-116	--	8	--	61	63
Propane/Propylene	288	--	115	100	-264	--	-144	--	3	379
Normal Butane/Butylene	98	--	-68	6	-27	--	-66	54	4	18
Isobutane/Isobutylene	44	--	-6	6	12	--	0	50	0	7
Other Liquids	--	1,010	--	15	-415	-84	179	345	45	-44
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	1,010	--	1	-640	-35	32	283	20	0
Hydrogen	--	--	--	--	--	40	--	40	--	0
Oxygenates (excluding Fuel Ethanol)	--	0	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	1,010	--	0	-640	-76	31	243	20	0
Fuel Ethanol	--	956	--	--	-623	-58	25	231	20	0
Renewable Fuels Except Fuel Ethanol	--	53	--	0	-18	-18	6	12	0	0
Other Hydrocarbons	--	--	--	1	--	1	0	1	--	0
Unfinished Oils	--	--	--	--	-9	--	13	-4	25	-44
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	14	234	-49	134	66	0	0
Reformulated	--	0	--	--	42	-28	5	10	--	0
Conventional	--	0	--	14	192	-21	129	56	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	3	4,330	26	60	125	83	--	48	4,413
Finished Motor Gasoline	--	3	2,420	--	-14	107	-13	--	2	2,527
Reformulated	--	--	349	--	--	32	--	--	--	381
Conventional	--	3	2,071	--	-14	75	-13	--	2	2,146
Finished Aviation Gasoline	--	--	1	0	2	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	248	0	25	--	23	--	13	237
Kerosene	--	--	3	--	--	--	-1	--	0	4
Distillate Fuel Oil	--	--	1,081	2	71	18	45	--	14	1,114
15 ppm sulfur and under	--	--	1,086	2	68	18	50	--	0	1,124
Greater than 15 ppm to 500 ppm sulfur	--	--	5	--	3	--	-1	--	10	-3
Greater than 500 ppm sulfur	--	--	-10	0	0	--	-4	--	3	-8
Residual Fuel Oil ⁶	--	--	54	4	-29	--	-2	--	10	20
Less than 0.31 percent sulfur	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	8	1	-1	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	43	3	-28	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	34	5	-4	--	1	--	--	34
Naphtha for Petro. Feed. Use	--	--	25	3	-3	--	1	--	--	24
Other Oils for Petro. Feed. Use	--	--	8	3	-1	--	0	--	--	10
Special Naphthas	--	--	1	1	1	--	-1	--	--	4
Lubricants	--	--	7	6	7	--	-1	--	6	16
Waxes	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	193	1	--	--	-3	--	2	195
Marketable	--	--	145	1	--	--	-3	--	2	147
Catalyst	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	134	6	1	--	35	--	2	104
Still Gas	--	--	137	--	--	--	--	--	--	137
Miscellaneous Products	--	--	16	--	1	--	0	--	0	17
Total	2,363	992	4,371	2,825	-845	-68	92	4,141	415	4,991

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	159,901	--	--	86,603	6,506	14,077	12,210	230,466	24,411	0	971,316
Natural Gas Plant Liquids and Liquefied Refinery Gases	55,019	-17	8,646	372	16,542	--	-7,589	8,927	28,328	50,896	109,270
Pentanes Plus	5,665	-17	--	330	-3,318	--	-2,137	2,410	47	2,340	12,192
Liquefied Petroleum Gases	49,354	--	8,646	42	19,860	--	-5,452	6,517	28,281	48,556	97,078
Ethane/Ethylene	23,433	--	265	--	9,447	--	-499	--	1,314	32,330	45,573
Propane/Propylene	16,819	--	9,517	4	8,464	--	-4,960	--	24,238	15,526	31,041
Normal Butane/Butylene	3,736	--	-1,436	38	1,645	--	-639	3,632	2,530	-1,540	14,520
Isobutane/Isobutylene	5,366	--	300	--	304	--	646	2,885	199	2,240	5,944
Other Liquids	--	2,664	--	12,044	-45,591	-1,940	-3,955	-43,098	12,808	1,421	124,819
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	2,664	--	799	5,763	2,685	-1,046	8,446	4,511	0	6,915
Hydrogen	--	--	--	--	--	3,839	--	3,839	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,837	--	386	--	-421	-415	122	2,095	0	1,114
Renewable Fuels (including Fuel Ethanol)	--	827	--	377	5,763	-696	-631	4,485	2,417	0	5,801
Fuel Ethanol	--	458	--	377	5,680	-706	-598	4,030	2,377	0	3,405
Renewable Fuels Except Fuel Ethanol	--	369	--	--	82	10	-33	455	39	0	2,396
Other Hydrocarbons	--	--	--	36	--	-36	--	--	--	0	--
Unfinished Oils	--	--	--	9,560	218	--	770	1,508	6,079	1,421	46,493
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	1,685	-51,572	-4,626	-3,678	-53,053	2,218	0	71,402
Reformulated	--	--	--	--	-10,493	5,653	-1,078	-3,765	3	0	10,109
Conventional	--	--	--	1,685	-41,079	-10,278	-2,600	-49,288	2,216	0	61,293
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-1	1	--	0	9
Finished Petroleum Products	--	--	203,168	5,730	-47,920	5,583	-2,336	--	75,395	93,502	119,254
Finished Motor Gasoline	--	--	60,183	--	-9,385	5,332	-1,319	--	17,579	39,870	9,746
Reformulated	--	--	12,941	--	--	-5,495	--	--	--	7,446	--
Conventional	--	--	47,242	--	-9,385	10,827	-1,319	--	17,579	32,424	9,746
Finished Aviation Gasoline	--	--	160	--	-459	--	-43	--	--	-256	340
Kerosene-Type Jet Fuel	--	--	23,342	--	-14,179	--	-817	--	3,885	6,095	14,344
Kerosene	--	--	-63	--	--	--	-2	--	1	-62	245
Distillate Fuel Oil	--	--	72,889	220	-23,985	251	-376	--	28,176	21,574	48,051
15 ppm sulfur and under	--	--	66,281	--	-22,355	251	-194	--	25,057	19,314	41,848
Greater than 15 ppm to 500 ppm sulfur	--	--	2,230	--	-259	--	162	--	2,255	-446	1,925
Greater than 500 ppm sulfur	--	--	4,378	220	-1,371	--	-344	--	864	2,707	4,278
Residual Fuel Oil ⁷	--	--	6,949	2,443	991	--	-467	--	10,181	669	23,209
Less than 0.31 percent sulfur	--	--	1,038	125	134	--	43	--	NA	NA	1,901
0.31 to 1.00 percent sulfur	--	--	335	--	-7	--	-378	--	NA	NA	4,563
Greater than 1.00 percent sulfur	--	--	5,576	2,318	864	--	-132	--	NA	NA	16,745
Petrochemical Feedstocks	--	--	7,706	1,390	127	--	192	--	--	9,031	2,571
Naphtha for Petro. Feed. Use	--	--	5,483	901	81	--	184	--	--	6,281	1,754
Other Oils for Petro. Feed. Use	--	--	2,223	489	46	--	8	--	--	2,750	817
Special Naphthas	--	--	932	466	--	--	-101	--	--	1,499	921
Lubricants	--	--	4,007	900	-665	--	-262	--	2,456	2,048	8,952
Waxes	--	--	116	52	--	--	3	--	32	133	252
Petroleum Coke	--	--	13,575	259	--	--	404	--	12,733	697	4,930
Marketable	--	--	10,484	259	--	--	404	--	12,733	-2,394	4,930
Catalyst	--	--	3,091	--	--	--	--	--	--	3,091	--
Asphalt and Road Oil	--	--	2,111	--	-355	--	512	--	348	896	5,288
Still Gas	--	--	9,697	--	--	--	--	--	--	9,697	--
Miscellaneous Products	--	--	1,564	--	-10	--	-60	--	4	1,610	405
Total	214,920	2,647	211,814	104,749	-70,464	17,720	-1,670	196,295	140,942	145,819	1,324,659

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	333,166	--	--	192,181	18,511	16,213	30,451	490,462	39,158	0	971,316
Natural Gas Plant Liquids and Liquefied Refinery Gases	112,420	-35	17,865	1,012	29,574	--	-30,759	19,689	61,630	110,276	109,270
Pentanes Plus	11,636	-35	--	960	-7,208	--	-3,026	5,317	93	2,969	12,192
Liquefied Petroleum Gases	100,784	--	17,865	52	36,782	--	-27,733	14,372	61,537	107,307	97,078
Ethane/Ethylene	47,350	--	330	--	18,531	--	-1,875	--	2,400	65,686	45,573
Propane/Propylene	34,714	--	20,787	14	15,571	--	-21,979	--	55,073	37,992	31,041
Normal Butane/Butylene	7,242	--	-3,313	38	2,128	--	-4,488	7,885	3,751	-1,053	14,520
Isobutane/Isobutylene	11,478	--	61	--	552	--	609	6,487	312	4,683	5,944
Other Liquids	--	5,877	--	27,721	-96,514	-3,081	4,967	-98,340	24,168	3,208	124,819
Hydrogen/Oxygenates/Renewables/											
Other Hydrocarbons	--	5,877	--	1,622	12,486	5,451	-158	17,061	8,533	0	6,915
Hydrogen	--	--	--	--	--	7,690	--	7,690	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	4,134	--	804	--	-970	-363	198	4,133	0	1,114
Renewable Fuels (including Fuel Ethanol)	--	1,743	--	771	12,486	-1,221	205	9,173	4,401	0	5,801
Fuel Ethanol	--	972	--	771	12,202	-1,298	80	8,230	4,336	0	3,405
Renewable Fuels Except Fuel Ethanol	--	771	--	--	284	77	125	943	65	0	2,396
Other Hydrocarbons	--	--	--	47	--	-47	--	--	--	0	--
Unfinished Oils	--	--	--	22,861	593	--	4,921	4,754	10,563	3,216	46,493
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	3,238	-109,593	-8,532	204	-120,163	5,072	0	71,402
Reformulated	--	--	--	--	-22,324	10,192	-1,546	-10,599	13	0	10,109
Conventional	--	--	--	3,238	-87,269	-18,725	1,750	-109,564	5,058	0	61,293
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	8	--	-8	9
Finished Petroleum Products	--	--	428,109	9,404	-99,573	10,182	-4,538	--	152,627	200,032	119,254
Finished Motor Gasoline	--	--	127,381	--	-16,031	9,831	-1,728	--	39,426	83,483	9,746
Reformulated	--	--	26,379	--	--	-10,724	--	--	--	15,655	--
Conventional	--	--	101,002	--	-16,031	20,555	-1,728	--	39,426	67,828	9,746
Finished Aviation Gasoline	--	--	410	--	-1,497	--	-77	--	--	-1,010	340
Kerosene-Type Jet Fuel	--	--	48,880	--	-28,691	--	-722	--	7,637	13,274	14,344
Kerosene	--	--	160	--	--	--	-1	--	51	110	245
Distillate Fuel Oil	--	--	154,725	411	-53,254	351	-741	--	58,862	44,112	48,051
15 ppm sulfur and under	--	--	140,439	--	-49,082	351	-535	--	51,402	40,841	41,848
Greater than 15 ppm to 500 ppm sulfur	--	--	5,369	--	-414	--	428	--	6,036	-1,509	1,925
Greater than 500 ppm sulfur	--	--	8,917	411	-3,758	--	-634	--	1,423	4,781	4,278
Residual Fuel Oil ⁷	--	--	13,176	3,900	1,835	--	-1,147	--	15,758	4,300	23,209
Less than 0.31 percent sulfur	--	--	2,009	375	134	--	-370	--	NA	NA	1,901
0.31 to 1.00 percent sulfur	--	--	852	--	62	--	-726	--	NA	NA	4,563
Greater than 1.00 percent sulfur	--	--	10,315	3,525	1,639	--	-51	--	NA	NA	16,745
Petrochemical Feedstocks	--	--	15,763	1,836	279	--	24	--	--	17,854	2,571
Naphtha for Petro. Feed. Use	--	--	11,019	1,334	163	--	294	--	--	12,222	1,754
Other Oils for Petro. Feed. Use	--	--	4,744	502	116	--	-270	--	--	5,632	817
Special Naphthas	--	--	1,850	943	-44	--	-85	--	--	2,834	921
Lubricants	--	--	8,138	1,837	-1,392	--	-877	--	5,908	3,552	8,952
Waxes	--	--	228	63	--	--	2	--	45	244	252
Petroleum Coke	--	--	29,647	414	--	--	382	--	24,164	5,515	4,930
Marketable	--	--	22,925	414	--	--	382	--	24,164	-1,207	4,930
Catalyst	--	--	6,722	--	--	--	--	--	--	6,722	--
Asphalt and Road Oil	--	--	3,755	--	-748	--	451	--	655	1,901	5,288
Still Gas	--	--	20,626	--	--	--	--	--	--	20,626	--
Miscellaneous Products	--	--	3,370	--	-30	--	-19	--	123	3,236	405
Total	445,586	5,842	445,974	230,318	-148,003	23,314	121	411,811	277,584	313,516	1,324,659

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	5,711	--	--	3,093	232	503	436	8,231	872	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,965	-1	309	13	591	--	-271	319	1,012	1,818
Pentanes Plus	202	-1	--	12	-119	--	-76	86	2	84
Liquefied Petroleum Gases	1,763	--	309	2	709	--	-195	233	1,010	1,734
Ethane/Ethylene	837	--	9	--	337	--	-18	--	47	1,155
Propane/Propylene	601	--	340	0	302	--	-177	--	866	555
Normal Butane/Butylene	133	--	-51	1	59	--	-23	130	90	-55
Isobutane/Isobutylene	192	--	11	--	11	--	23	103	7	80
Other Liquids	--	95	--	430	-1,628	-69	-141	-1,539	457	51
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	95	--	29	206	96	-37	302	161	0
Hydrogen	--	--	--	--	--	137	--	137	--	0
Oxygenates (excluding Fuel Ethanol)	--	66	--	14	--	-15	-15	4	75	0
Renewable Fuels (including Fuel Ethanol)	--	30	--	13	206	-25	-23	160	86	0
Fuel Ethanol	--	16	--	13	203	-25	-21	144	85	0
Renewable Fuels Except Fuel Ethanol	--	13	--	--	3	0	-1	16	1	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	341	8	--	28	54	217	51
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	60	-1,842	-165	-131	-1,895	79	0
Reformulated	--	--	--	--	-375	202	-39	-134	0	0
Conventional	--	--	--	60	-1,467	-367	-93	-1,760	79	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,256	205	-1,711	199	-83	--	2,693	3,339
Finished Motor Gasoline	--	--	2,149	--	-335	190	-47	--	628	1,424
Reformulated	--	--	462	--	--	-196	--	--	--	266
Conventional	--	--	1,687	--	-335	387	-47	--	628	1,158
Finished Aviation Gasoline	--	--	6	--	-16	--	-2	--	--	-9
Kerosene-Type Jet Fuel	--	--	834	--	-506	--	-29	--	139	218
Kerosene	--	--	-2	--	--	--	0	--	0	-2
Distillate Fuel Oil	--	--	2,603	8	-857	9	-13	--	1,006	771
15 ppm sulfur and under	--	--	2,367	--	-798	9	-7	--	895	690
Greater than 15 ppm to 500 ppm sulfur	--	--	80	--	-9	--	6	--	81	-16
Greater than 500 ppm sulfur	--	--	156	8	-49	--	-12	--	31	97
Residual Fuel Oil ⁷	--	--	248	87	35	--	-17	--	364	24
Less than 0.31 percent sulfur	--	--	37	4	5	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	12	--	0	--	-14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	199	83	31	--	-5	--	NA	NA
Petrochemical Feedstocks	--	--	275	50	5	--	7	--	--	323
Naphtha for Petro. Feed. Use	--	--	196	32	3	--	7	--	--	224
Other Oils for Petro. Feed. Use	--	--	79	17	2	--	0	--	--	98
Special Naphthas	--	--	33	17	--	--	-4	--	--	54
Lubricants	--	--	143	32	-24	--	-9	--	88	73
Waxes	--	--	4	2	--	--	0	--	1	5
Petroleum Coke	--	--	485	9	--	--	14	--	455	25
Marketable	--	--	374	9	--	--	14	--	455	-85
Catalyst	--	--	110	--	--	--	--	--	--	110
Asphalt and Road Oil	--	--	75	--	-13	--	18	--	12	32
Still Gas	--	--	346	--	--	--	--	--	--	346
Miscellaneous Products	--	--	56	--	0	--	-2	--	0	58
Total	7,676	95	7,565	3,741	-2,517	633	-60	7,011	5,034	5,208

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	5,647	--	--	3,257	314	275	516	8,313	664	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,905	-1	303	17	501	--	-521	334	1,045	1,869
Pentanes Plus	197	-1	--	16	-122	--	-51	90	2	50
Liquefied Petroleum Gases	1,708	--	303	1	623	--	-470	244	1,043	1,819
Ethane/Ethylene	803	--	6	--	314	--	-32	--	41	1,113
Propane/Propylene	588	--	352	0	264	--	-373	--	933	644
Normal Butane/Butylene	123	--	-56	1	36	--	-76	134	64	-18
Isobutane/Isobutylene	195	--	1	--	9	--	10	110	5	79
Other Liquids	--	100	--	470	-1,636	-52	84	-1,667	410	54
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	100	--	27	212	92	-3	289	145	0
Hydrogen	--	--	--	--	--	130	--	130	--	0
Oxygenates (excluding Fuel Ethanol)	--	70	--	14	--	-16	-6	3	70	0
Renewable Fuels (including Fuel Ethanol)	--	30	--	13	212	-21	3	155	75	0
Fuel Ethanol	--	16	--	13	207	-22	1	139	73	0
Renewable Fuels Except Fuel Ethanol	--	13	--	--	5	1	2	16	1	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	387	10	--	83	81	179	55
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	55	-1,858	-145	3	-2,037	86	0
Reformulated	--	--	--	--	-378	173	-26	-180	0	0
Conventional	--	--	--	55	-1,479	-317	30	-1,857	86	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,256	159	-1,688	173	-77	--	2,587	3,390
Finished Motor Gasoline	--	--	2,159	--	-272	167	-29	--	668	1,415
Reformulated	--	--	447	--	--	-182	--	--	--	265
Conventional	--	--	1,712	--	-272	348	-29	--	668	1,150
Finished Aviation Gasoline	--	--	7	--	-25	--	-1	--	--	-17
Kerosene-Type Jet Fuel	--	--	828	--	-486	--	-12	--	129	225
Kerosene	--	--	3	--	--	--	0	--	1	2
Distillate Fuel Oil	--	--	2,622	7	-903	6	-13	--	998	748
15 ppm sulfur and under	--	--	2,380	--	-832	6	-9	--	871	692
Greater than 15 ppm to 500 ppm sulfur	--	--	91	--	-7	--	7	--	102	-26
Greater than 500 ppm sulfur	--	--	151	7	-64	--	-11	--	24	81
Residual Fuel Oil ⁷	--	--	223	66	31	--	-19	--	267	73
Less than 0.31 percent sulfur	--	--	34	6	2	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	14	--	1	--	-12	--	NA	NA
Greater than 1.00 percent sulfur	--	--	175	60	28	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	267	31	5	--	0	--	--	303
Naphtha for Petro. Feed. Use	--	--	187	23	3	--	5	--	--	207
Other Oils for Petro. Feed. Use	--	--	80	9	2	--	-5	--	--	95
Special Naphthas	--	--	31	16	-1	--	-1	--	--	48
Lubricants	--	--	138	31	-24	--	-15	--	100	60
Waxes	--	--	4	1	--	--	0	--	1	4
Petroleum Coke	--	--	502	7	--	--	6	--	410	93
Marketable	--	--	389	7	--	--	6	--	410	-20
Catalyst	--	--	114	--	--	--	--	--	--	114
Asphalt and Road Oil	--	--	64	--	-13	--	8	--	11	32
Still Gas	--	--	350	--	--	--	--	--	--	350
Miscellaneous Products	--	--	57	--	-1	--	0	--	2	55
Total	7,552	99	7,559	3,904	-2,509	395	2	6,980	4,705	5,314

-- = Not Applicable.

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NA = Not Available.

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³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	17,514	--	--	10,053	-10,385	938	1,558	16,518	43	0	24,274
Natural Gas Plant Liquids and Liquefied Refinery Gases	10,507	-9	231	529	-8,795	--	-163	537	504	1,585	2,505
Pentanes Plus	1,608	-9	--	--	-1,155	--	0	136	504	-196	305
Liquefied Petroleum Gases	8,899	--	231	529	-7,640	--	-163	401	0	1,781	2,200
Ethane/Ethylene	2,897	--	--	--	-2,394	--	26	--	--	477	480
Propane/Propylene	3,834	--	269	493	-3,176	--	-124	--	0	1,544	927
Normal Butane/Butylene	1,487	--	-43	31	-1,347	--	-58	243	--	-57	545
Isobutane/Isobutylene	681	--	5	5	-723	--	-7	158	--	-183	248
Other Liquids	--	408	--	17	-329	22	-240	268	18	72	9,547
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	408	--	5	247	354	-1	1,015	--	0	387
Hydrogen	--	--	--	--	--	207	--	207	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	408	--	5	247	147	-1	808	--	0	387
Fuel Ethanol	--	408	--	--	209	150	-3	770	--	0	373
Renewable Fuels Except Fuel Ethanol	--	--	--	5	38	-3	2	38	--	0	14
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-279	189	18	72	2,620
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	12	-576	-332	40	-936	0	0	6,540
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-576	-332	40	-936	0	0	6,540
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	17,953	44	-588	185	-156	--	33	17,717	9,069
Finished Motor Gasoline	--	--	8,512	--	-576	182	-202	--	--	8,320	1,916
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	8,512	--	-576	182	-202	--	--	8,320	1,916
Finished Aviation Gasoline	--	--	5	--	--	--	1	--	--	4	11
Kerosene-Type Jet Fuel	--	--	783	--	604	--	-43	--	--	1,430	575
Kerosene	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	5,782	8	-616	3	-106	--	--	5,283	4,044
15 ppm sulfur and under	--	--	5,823	8	-576	3	-31	--	--	5,289	3,822
Greater than 15 ppm to 500 ppm sulfur	--	--	19	--	--	--	-21	--	--	40	190
Greater than 500 ppm sulfur	--	--	-60	--	-40	--	-54	--	--	-46	32
Residual Fuel Oil ⁶	--	--	352	--	--	--	25	--	22	305	284
Less than 0.31 percent sulfur	--	--	208	--	--	--	-5	--	NA	NA	33
0.31 to 1.00 percent sulfur	--	--	9	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	135	--	--	--	30	--	NA	NA	247
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	8	-8	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	802	--	--	--	7	--	0	795	176
Marketable	--	--	582	--	--	--	7	--	0	575	176
Catalyst	--	--	220	--	--	--	--	--	--	220	--
Asphalt and Road Oil	--	--	961	35	--	--	158	--	3	835	2,038
Still Gas	--	--	664	--	--	--	--	--	--	664	--
Miscellaneous Products	--	--	92	1	--	--	4	--	--	89	23
Total	28,021	399	18,184	10,643	-20,097	1,145	999	17,323	598	19,374	45,395

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	36,772	--	--	22,093	-22,270	-22	954	35,532	87	0	24,274
Natural Gas Plant Liquids and Liquefied Refinery Gases	21,130	-19	329	1,077	-18,178	--	-840	1,199	1,058	2,922	2,505
Pentanes Plus	3,304	-19	--	--	-2,468	--	1	236	1,044	-464	305
Liquefied Petroleum Gases	17,826	--	329	1,077	-15,710	--	-841	963	14	3,387	2,200
Ethane/Ethylene	5,329	--	--	--	-4,734	--	44	--	--	551	480
Propane/Propylene	7,974	--	574	1,034	-6,591	--	-426	--	0	3,417	927
Normal Butane/Butylene	3,077	--	-275	31	-2,876	--	-449	619	14	-226	545
Isobutane/Isobutylene	1,446	--	30	12	-1,509	--	-10	344	--	-355	248
Other Liquids	--	851	--	29	-551	-147	679	-684	38	149	9,547
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	851	--	11	551	698	20	2,091	0	0	387
Hydrogen	--	--	--	--	--	432	--	432	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	851	--	11	551	266	20	1,659	0	0	387
Fuel Ethanol	--	851	--	--	494	268	20	1,593	--	0	373
Renewable Fuels Except Fuel Ethanol	--	--	--	11	57	-2	0	66	0	0	14
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-209	22	38	149	2,620
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	18	-1,102	-845	868	-2,797	0	0	6,540
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-1,102	-845	868	-2,797	0	0	6,540
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	37,571	121	-1,091	579	76	--	63	37,041	9,069
Finished Motor Gasoline	--	--	17,497	--	-1,115	577	-322	--	--	17,281	1,916
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	17,497	--	-1,115	577	-322	--	--	17,281	1,916
Finished Aviation Gasoline	--	--	7	--	--	--	2	--	--	5	11
Kerosene-Type Jet Fuel	--	--	1,792	8	1,284	--	-25	--	--	3,109	575
Kerosene	--	--	2	--	--	--	1	--	--	1	2
Distillate Fuel Oil	--	--	12,188	18	-1,260	2	-272	--	--	11,220	4,044
15 ppm sulfur and under	--	--	12,164	18	-1,248	2	-220	--	--	11,156	3,822
Greater than 15 ppm to 500 ppm sulfur	--	--	54	--	--	--	-30	--	--	84	190
Greater than 500 ppm sulfur	--	--	-30	--	-12	--	-22	--	--	-20	32
Residual Fuel Oil ⁶	--	--	701	--	--	--	60	--	39	602	284
Less than 0.31 percent sulfur	--	--	428	--	--	--	-1	--	NA	NA	33
0.31 to 1.00 percent sulfur	--	--	21	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	252	--	--	--	61	--	NA	NA	247
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	18	-18	--
Waxes	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	1,618	--	--	--	32	--	0	1,586	176
Marketable	--	--	1,145	--	--	--	32	--	0	1,113	176
Catalyst	--	--	473	--	--	--	--	--	--	473	--
Asphalt and Road Oil	--	--	2,137	93	--	--	594	--	5	1,631	2,038
Still Gas	--	--	1,421	--	--	--	--	--	--	1,421	--
Miscellaneous Products	--	--	208	2	--	--	6	--	--	204	23
Total	57,902	832	37,900	23,320	-42,090	410	869	36,047	1,246	40,112	45,395

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	625	--	--	359	-371	34	56	590	2	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	375	0	8	19	-314	--	-6	19	18	57
Pentanes Plus	57	0	--	--	-41	--	0	5	18	-7
Liquefied Petroleum Gases	318	--	8	19	-273	--	-6	14	0	64
Ethane/Ethylene	103	--	--	--	-86	--	1	--	--	17
Propane/Propylene	137	--	10	18	-113	--	-4	--	0	55
Normal Butane/Butylene	53	--	-2	1	-48	--	-2	9	--	-2
Isobutane/Isobutylene	24	--	0	0	-26	--	0	6	--	-7
Other Liquids	--	15	--	1	-12	1	-9	10	1	3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	0	9	13	0	36	--	0
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	15	--	0	9	5	0	29	--	0
Fuel Ethanol	--	15	--	--	7	5	0	28	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	1	0	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-10	7	1	3
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	-21	-12	1	-33	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-21	-12	1	-33	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	641	2	-21	7	-6	--	1	633
Finished Motor Gasoline	--	--	304	--	-21	6	-7	--	--	297
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	304	--	-21	6	-7	--	--	297
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	28	--	22	--	-2	--	--	51
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	207	0	-22	0	-4	--	--	189
15 ppm sulfur and under	--	--	208	0	-21	0	-1	--	--	189
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	-1	--	--	1
Greater than 500 ppm sulfur	--	--	-2	--	-1	--	-2	--	--	-2
Residual Fuel Oil ⁶	--	--	13	--	--	--	1	--	1	11
Less than 0.31 percent sulfur	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	29	--	--	--	0	--	0	28
Marketable	--	--	21	--	--	--	0	--	0	21
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	34	1	--	--	6	--	0	30
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
Total	1,001	14	649	380	-718	41	36	619	21	692

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	623	--	--	374	-377	0	16	602	1	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	358	0	6	18	-308	--	-14	20	18	50
Pentanes Plus	56	0	--	--	-42	--	0	4	18	-8
Liquefied Petroleum Gases	302	--	6	18	-266	--	-14	16	0	57
Ethane/Ethylene	90	--	--	--	-80	--	1	--	--	9
Propane/Propylene	135	--	10	18	-112	--	-7	--	0	58
Normal Butane/Butylene	52	--	-5	1	-49	--	-8	10	0	-4
Isobutane/Isobutylene	25	--	1	0	-26	--	0	6	--	-6
Other Liquids	--	14	--	0	-9	-2	12	-12	1	3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	9	12	0	35	0	0
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	14	--	0	9	5	0	28	0	0
Fuel Ethanol	--	14	--	--	8	5	0	27	--	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	1	0	0	1	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-4	0	1	3
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	-19	-14	15	-47	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	-19	-14	15	-47	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	637	2	-18	10	1	--	1	628
Finished Motor Gasoline	--	--	297	--	-19	10	-5	--	--	293
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	297	--	-19	10	-5	--	--	293
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	30	0	22	--	0	--	--	53
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	207	0	-21	0	-5	--	--	190
15 ppm sulfur and under	--	--	206	0	-21	0	-4	--	--	189
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	-1	--	--	1
Greater than 500 ppm sulfur	--	--	-1	--	0	--	0	--	--	0
Residual Fuel Oil ⁶	--	--	12	--	--	--	1	--	1	10
Less than 0.31 percent sulfur	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	--	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	27	--	--	--	1	--	0	27
Marketable	--	--	19	--	--	--	1	--	0	19
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	36	2	--	--	10	--	0	28
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	--	--	0	--	--	3
Total	981	14	642	395	-713	7	15	611	21	680

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	28,256	--	--	30,069	4,037	3,277	4,194	61,445	--	0	53,867
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,000	-12	663	1,082	956	--	-475	2,644	971	1,549	2,413
Pentanes Plus	978	-12	--	--	--	--	9	869	15	73	46
Liquefied Petroleum Gases	1,022	--	663	1,082	956	--	-484	1,775	956	1,476	2,367
Ethane/Ethylene	1	--	--	--	--	--	--	--	0	1	--
Propane/Propylene	298	--	1,234	882	309	--	-237	--	955	2,005	772
Normal Butane/Butylene	357	--	-556	177	502	--	-278	1,162	1	-405	1,071
Isobutane/Isobutylene	366	--	-15	23	145	--	31	613	--	-125	524
Other Liquids	--	716	--	3,413	8,047	370	-1,626	13,693	542	-63	51,343
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	716	--	320	3,441	1,582	-48	5,704	402	0	3,867
Hydrogen	--	--	--	--	--	840	--	840	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	716	--	320	3,441	740	-48	4,864	401	0	3,867
Fuel Ethanol	--	517	--	--	3,212	901	-49	4,291	389	0	2,317
Renewable Fuels Except Fuel Ethanol	--	199	--	320	228	-161	1	573	12	0	1,550
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,687	--	--	-1,207	3,927	30	-63	18,820
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	406	4,606	-1,211	-371	4,062	110	0	28,656
Reformulated	--	--	--	--	2,296	-200	-827	2,922	1	0	13,758
Conventional	--	--	--	406	2,310	-1,011	456	1,140	109	0	14,898
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	82,365	4,883	1,276	429	-268	--	10,693	78,527	34,418
Finished Motor Gasoline	--	--	43,860	195	309	310	211	--	1,517	42,946	2,133
Reformulated	--	--	30,721	--	--	-8	2	--	--	30,711	18
Conventional	--	--	13,139	195	309	318	209	--	1,517	12,235	2,115
Finished Aviation Gasoline	--	--	1	--	33	--	-17	--	--	51	194
Kerosene-Type Jet Fuel	--	--	12,076	2,533	146	--	-200	--	915	14,040	9,250
Kerosene	--	--	19	--	--	--	-12	--	2	29	18
Distillate Fuel Oil	--	--	14,283	468	788	118	-360	--	3,437	12,580	13,781
15 ppm sulfur and under	--	--	13,340	441	788	118	-549	--	2,105	13,131	12,717
Greater than 15 ppm to 500 ppm sulfur	--	--	315	--	--	--	53	--	426	-164	221
Greater than 500 ppm sulfur	--	--	628	27	--	--	136	--	906	-387	843
Residual Fuel Oil ⁶	--	--	3,793	1,407	--	--	17	--	593	4,590	4,778
Less than 0.31 percent sulfur	--	--	--	--	--	--	-119	--	NA	NA	464
0.31 to 1.00 percent sulfur	--	--	658	--	--	--	-106	--	NA	NA	697
Greater than 1.00 percent sulfur	--	--	3,135	1,407	--	--	242	--	NA	NA	3,611
Petrochemical Feedstocks	--	--	3	37	--	--	0	--	--	40	1
Naphtha for Petro. Feed. Use	--	--	3	37	--	--	0	--	--	40	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	23	--	--	--	13	--	--	10	62
Lubricants	--	--	495	4	--	--	126	--	142	231	716
Waxes	--	--	--	67	--	--	--	--	5	62	--
Petroleum Coke	--	--	3,878	32	--	--	-53	--	4,057	-94	1,260
Marketable	--	--	3,033	32	--	--	-53	--	4,057	-939	1,260
Catalyst	--	--	845	--	--	--	--	--	--	845	--
Asphalt and Road Oil	--	--	445	140	--	--	11	--	24	550	2,137
Still Gas	--	--	3,144	--	--	--	--	--	--	3,144	--
Miscellaneous Products	--	--	345	--	--	--	-4	--	0	349	88
Total	30,256	704	83,028	39,447	14,315	4,076	1,825	77,782	12,207	80,013	142,041

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	59,718	--	--	61,800	8,448	6,792	2,162	134,172	425	0	53,867
Natural Gas Plant Liquids and Liquefied Refinery Gases	4,177	-24	1,315	2,409	2,259	--	-1,985	6,182	1,529	4,410	2,413
Pentanes Plus	2,038	-24	--	--	--	--	11	1,809	35	159	46
Liquefied Petroleum Gases	2,139	--	1,315	2,409	2,259	--	-1,996	4,373	1,493	4,251	2,367
Ethane/Ethylene	2	--	--	--	--	--	--	--	0	2	--
Propane/Propylene	629	--	2,638	2,032	572	--	-803	--	1,492	5,182	772
Normal Butane/Butylene	810	--	-1,417	337	1,357	--	-1,245	2,984	1	-654	1,071
Isobutane/Isobutylene	698	--	94	40	330	--	52	1,389	--	-279	524
Other Liquids	--	1,436	--	8,027	17,779	-312	1,604	23,141	1,586	598	51,343
Hydrogen/Oxygenates/Renewables/	--	--	--	--	--	--	--	--	--	--	--
Other Hydrocarbons	--	1,436	--	643	8,029	2,096	-184	11,635	753	0	3,867
Hydrogen	--	--	--	--	--	1,770	--	1,770	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	3	--	--	3	0	--
Renewable Fuels (including Fuel Ethanol)	--	1,436	--	643	8,029	323	-184	9,865	749	0	3,867
Fuel Ethanol	--	1,089	--	--	7,628	678	-156	8,819	733	0	2,317
Renewable Fuels Except Fuel Ethanol	--	347	--	643	400	-355	-28	1,046	17	0	1,550
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	6,551	--	--	248	5,508	197	598	18,820
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	833	9,750	-2,408	1,540	5,998	637	0	28,656
Reformulated	--	--	--	--	4,725	-643	-566	4,647	1	0	13,758
Conventional	--	--	--	833	5,025	-1,766	2,106	1,351	635	0	14,898
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	173,661	9,491	3,020	2,002	1,724	--	22,764	163,687	34,418
Finished Motor Gasoline	--	--	91,225	364	622	1,730	-26	--	4,232	89,735	2,133
Reformulated	--	--	63,203	--	--	201	2	--	--	63,402	18
Conventional	--	--	28,022	364	622	1,529	-28	--	4,232	26,333	2,115
Finished Aviation Gasoline	--	--	1	--	33	--	1	--	--	33	194
Kerosene-Type Jet Fuel	--	--	25,327	5,282	433	--	47	--	1,801	29,194	9,250
Kerosene	--	--	48	--	--	--	-29	--	6	71	18
Distillate Fuel Oil	--	--	30,772	622	1,932	272	946	--	7,385	25,267	13,781
15 ppm sulfur and under	--	--	29,229	586	1,932	272	867	--	4,637	26,516	12,717
Greater than 15 ppm to 500 ppm sulfur	--	--	567	--	--	--	-46	--	559	54	221
Greater than 500 ppm sulfur	--	--	976	36	--	--	125	--	2,189	-1,302	843
Residual Fuel Oil ⁶	--	--	8,655	2,793	--	--	300	--	1,072	10,076	4,778
Less than 0.31 percent sulfur	--	--	--	--	--	--	330	--	NA	NA	464
0.31 to 1.00 percent sulfur	--	--	1,411	--	--	--	-152	--	NA	NA	697
Greater than 1.00 percent sulfur	--	--	7,244	2,793	--	--	122	--	NA	NA	3,611
Petrochemical Feedstocks	--	--	6	74	--	--	0	--	--	80	1
Naphtha for Petro. Feed. Use	--	--	6	74	--	--	0	--	--	80	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	63	--	--	--	33	--	--	30	62
Lubricants	--	--	816	26	--	--	118	--	241	483	716
Waxes	--	--	--	74	--	--	--	--	13	61	--
Petroleum Coke	--	--	8,416	55	--	--	47	--	7,970	454	1,260
Marketable	--	--	6,533	55	--	--	47	--	7,970	-1,429	1,260
Catalyst	--	--	1,883	--	--	--	--	--	--	1,883	--
Asphalt and Road Oil	--	--	988	201	--	--	276	--	43	870	2,137
Still Gas	--	--	6,584	--	--	--	--	--	--	6,584	--
Miscellaneous Products	--	--	760	--	--	--	11	--	0	749	88
Total	63,895	1,412	174,976	81,727	31,506	8,483	3,505	163,495	26,303	168,695	142,041

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,009	--	--	1,074	144	117	150	2,194	--	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	71	0	24	39	34	--	-17	94	35	55
Pentanes Plus	35	0	--	--	--	--	0	31	1	3
Liquefied Petroleum Gases	37	--	24	39	34	--	-17	63	34	53
Ethane/Ethylene	0	--	--	--	--	--	--	--	0	0
Propane/Propylene	11	--	44	32	11	--	-8	--	34	72
Normal Butane/Butylene	13	--	-20	6	18	--	-10	42	0	-14
Isobutane/Isobutylene	13	--	-1	1	5	--	1	22	--	-4
Other Liquids	--	26	--	122	287	13	-58	489	19	-2
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	26	--	11	123	56	-2	204	14	0
Hydrogen	--	--	--	--	--	30	--	30	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	26	--	11	123	26	-2	174	14	0
Fuel Ethanol	--	18	--	--	115	32	-2	153	14	0
Renewable Fuels Except Fuel Ethanol	--	7	--	11	8	-6	0	20	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	96	--	--	-43	140	1	-2
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	15	165	-43	-13	145	4	0
Reformulated	--	--	--	--	82	-7	-30	104	0	0
Conventional	--	--	--	15	83	-36	16	41	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,942	174	46	15	-10	--	382	2,805
Finished Motor Gasoline	--	--	1,566	7	11	11	8	--	54	1,534
Reformulated	--	--	1,097	--	--	0	0	--	--	1,097
Conventional	--	--	469	7	11	11	7	--	54	437
Finished Aviation Gasoline	--	--	0	--	1	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	431	90	5	--	-7	--	33	501
Kerosene	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	510	17	28	4	-13	--	123	449
15 ppm sulfur and under	--	--	476	16	28	4	-20	--	75	469
Greater than 15 ppm to 500 ppm sulfur	--	--	11	--	--	--	2	--	15	-6
Greater than 500 ppm sulfur	--	--	22	1	--	--	5	--	32	-14
Residual Fuel Oil ⁶	--	--	135	50	--	--	1	--	21	164
Less than 0.31 percent sulfur	--	--	--	--	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	--	--	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	112	50	--	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	0
Lubricants	--	--	18	0	--	--	5	--	5	8
Waxes	--	--	--	2	--	--	--	--	0	2
Petroleum Coke	--	--	139	1	--	--	-2	--	145	-3
Marketable	--	--	108	1	--	--	-2	--	145	-34
Catalyst	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	16	5	--	--	0	--	1	20
Still Gas	--	--	112	--	--	--	--	--	--	112
Miscellaneous Products	--	--	12	--	--	--	0	--	0	12
Total	1,081	25	2,965	1,409	511	146	65	2,778	436	2,858

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

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³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-February 2017
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,012	--	--	1,047	143	115	37	2,274	7	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	71	0	22	41	38	--	-34	105	26	75
Pentanes Plus	35	0	--	--	--	--	0	31	1	3
Liquefied Petroleum Gases	36	--	22	41	38	--	-34	74	25	72
Ethane/Ethylene	0	--	--	--	--	--	--	--	0	0
Propane/Propylene	11	--	45	34	10	--	-14	--	25	88
Normal Butane/Butylene	14	--	-24	6	23	--	-21	51	0	-11
Isobutane/Isobutylene	12	--	2	1	6	--	1	24	--	-5
Other Liquids	--	24	--	136	301	-5	27	392	27	10
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	24	--	11	136	36	-3	197	13	0
Hydrogen	--	--	--	--	--	30	--	30	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	24	--	11	136	5	-3	167	13	0
Fuel Ethanol	--	18	--	--	129	11	-3	149	12	0
Renewable Fuels Except Fuel Ethanol	--	6	--	11	7	-6	0	18	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	111	--	--	4	93	3	10
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	14	165	-41	26	102	11	0
Reformulated	--	--	--	--	80	-11	-10	79	0	0
Conventional	--	--	--	14	85	-30	36	23	11	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,943	161	51	34	29	--	386	2,774
Finished Motor Gasoline	--	--	1,546	6	11	29	0	--	72	1,521
Reformulated	--	--	1,071	--	--	3	0	--	--	1,075
Conventional	--	--	475	6	11	26	0	--	72	446
Finished Aviation Gasoline	--	--	0	--	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	429	90	7	--	1	--	31	495
Kerosene	--	--	1	--	--	--	0	--	0	1
Distillate Fuel Oil	--	--	522	11	33	5	16	--	125	428
15 ppm sulfur and under	--	--	495	10	33	5	15	--	79	449
Greater than 15 ppm to 500 ppm sulfur	--	--	10	--	--	--	-1	--	9	1
Greater than 500 ppm sulfur	--	--	17	1	--	--	2	--	37	-22
Residual Fuel Oil ⁶	--	--	147	47	--	--	5	--	18	171
Less than 0.31 percent sulfur	--	--	--	--	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	--	--	--	-3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	123	47	--	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	1	--	--	1
Lubricants	--	--	14	0	--	--	2	--	4	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	143	1	--	--	1	--	135	8
Marketable	--	--	111	1	--	--	1	--	135	-24
Catalyst	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	17	3	--	--	5	--	1	15
Still Gas	--	--	112	--	--	--	--	--	--	112
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,083	24	2,966	1,385	534	144	59	2,771	446	2,859

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, February 2017
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,252	45,949	159,901	17,514	28,256	252,871	9,031
Alaskan	--	--	--	--	--	14,374	513
Lower 48 States	--	--	--	--	--	238,496	8,518
Imports (PAD District of Entry)	18,545	75,636	86,603	10,053	30,069	220,906	7,890
Commercial	18,545	75,636	86,603	10,053	30,069	220,906	7,890
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	4,647	-4,804	6,506	-10,385	4,037	--	--
Adjustments ¹	62	-6,732	14,077	938	3,277	11,622	415
Disposition							
Stock Change ²	-1,373	2,267	12,210	1,558	4,194	18,856	673
Commercial	--	--	12,463	--	--	19,109	682
SPR	--	--	-253	--	--	-253	-9
Refinery Inputs	25,268	101,597	230,466	16,518	61,445	435,294	15,546
Exports	610	6,185	24,411	43	--	31,249	1,116
Ending Stocks							
Total	16,550	152,387	971,316	24,274	53,867	1,218,394	--
Commercial	16,550	152,387	276,491	24,274	53,867	523,569	--
Refinery	10,588	14,864	49,136	2,091	25,279	101,958	--
Tank Farms and Pipelines	5,962	137,523	227,355	22,183	25,507	418,530	--
Cushing, Oklahoma	--	65,309	--	--	--	65,309	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,081	3,081	--
SPR	--	--	694,825	--	--	694,825	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	57.0	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	33.9	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	192	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	18,545	75,636	86,603	10,053	30,069	220,906	7,890
PAD District of Processing	19,181	71,457	92,165	7,567	30,536	220,906	7,890

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 26. Production of Crude Oil by PAD District and State, February 2017
(Thousand Barrels)

PAD District and State	February 2017		January-February 2017	
	Total	Daily Average	Total	Daily Average
PAD District 1	1,252	45	2,622	44
Florida	143	5	304	5
New York	21	1	45	1
Pennsylvania	417	15	913	15
Virginia	1	0	1	0
West Virginia	670	24	1,358	23
PAD District 2	45,949	1,641	94,557	1,603
Illinois	658	24	1,345	23
Indiana	156	6	310	5
Kansas	2,778	99	5,673	96
Kentucky	197	7	377	6
Michigan	380	14	848	14
Missouri	9	0	19	0
Nebraska	185	7	367	6
North Dakota	28,463	1,017	58,669	994
Ohio	1,454	52	3,032	51
Oklahoma	11,544	412	23,660	401
South Dakota	104	4	216	4
Tennessee	21	1	40	1
PAD District 3	159,901	5,711	333,166	5,647
Alabama	555	20	1,194	20
Arkansas	394	14	821	14
Louisiana	4,039	144	8,415	143
Mississippi	1,414	51	2,982	51
New Mexico	12,290	439	25,231	428
Texas	92,649	3,309	191,539	3,246
Federal Offshore PAD District 3	48,560	1,734	102,985	1,746
PAD District 4	17,514	625	36,772	623
Colorado	8,261	295	17,422	295
Montana	1,647	59	3,444	58
Utah	2,350	84	4,876	83
Wyoming	5,254	188	11,030	187
PAD District 5	28,256	1,009	59,718	1,012
Alaska	14,374	513	30,366	515
South Alaska	393	14	823	14
North Slope	13,981	499	29,543	501
Arizona	1	0	3	0
California	13,463	481	28,462	482
Nevada	22	1	45	1
Federal Offshore PAD District 5	396	14	842	14
U.S. Total	252,871	9,031	526,835	8,929

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	11	10,724	10,735	5,515	5,817	11,327	22,659
Pentanes Plus	—	1,050	1,050	391	694	1,300	2,385
Liquefied Petroleum Gases	11	9,674	9,685	5,124	5,123	10,027	20,274
Ethane	—	4,397	4,397	1,957	1,763	4,111	7,831
Propane	4	3,642	3,646	2,221	2,187	3,929	8,337
Normal Butane	7	1,082	1,089	560	937	1,343	2,840
Isobutane	—	553	553	386	236	644	1,266

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	37,948	5,854	5,359	777	5,081	55,019	10,507	2,000	100,920
Pentanes Plus	3,876	461	597	202	529	5,665	1,608	978	11,686
Liquefied Petroleum Gases	34,072	5,393	4,762	575	4,552	49,354	8,899	1,022	89,234
Ethane	16,189	2,930	2,133	169	2,012	23,433	2,897	1	38,559
Propane	11,643	1,584	1,688	229	1,675	16,819	3,834	298	32,934
Normal Butane	3,868	-1,266	581	104	449	3,736	1,487	357	9,509
Isobutane	2,372	2,145	360	73	416	5,366	681	366	8,232

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	6	264	270	813	116	373	1,302
Pentanes Plus	—	54	54	54	26	44	124
Liquefied Petroleum Gases	6	210	216	759	90	329	1,178
Ethane	—	—	—	85	2	110	197
Propane	3	163	166	518	56	119	693
Normal Butane	3	38	41	83	26	59	168
Isobutane	—	9	9	73	6	41	120

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	166	2,382	344	22	—	2,914	168	161	4,815
Pentanes Plus	32	34	129	3	—	198	44	42	462
Liquefied Petroleum Gases	134	2,348	215	19	—	2,716	124	119	4,353
Ethane	1	535	—	—	—	536	2	—	735
Propane	52	1,276	28	15	—	1,371	71	27	2,328
Normal Butane	77	144	82	4	—	307	38	62	616
Isobutane	4	393	105	—	—	502	13	30	674

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	22,525	2,743	25,268	63,782	14,507	23,308	101,597
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	1,083	—	1,083	2,023	193	1,013	3,229
Pentanes Plus	212	—	212	251	12	299	562
Liquefied Petroleum Gases	871	—	871	1,772	181	714	2,667
Normal Butane	478	—	478	879	137	295	1,311
Isobutane	393	—	393	893	44	419	1,356
Other Liquids	68,697	5,338	74,035	9,324	1,949	777	12,050
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	8,813	670	9,483	5,136	1,308	1,579	8,023
Hydrogen	108	2	110	637	264	177	1,078
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,705	668	9,373	4,464	1,044	1,402	6,910
Fuel Ethanol	8,397	624	9,021	4,235	1,004	1,341	6,580
Renewable Diesel Fuel	308	44	352	229	40	61	330
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	35	—	—	35
Unfinished Oils (net)	2,449	-78	2,371	638	-257	-494	-113
Naphthas and Lighter	262	-21	241	527	-123	-19	385
Kerosene and Light Gas Oils	-377	-1	-378	-105	-122	-167	-394
Heavy Gas Oils	1,351	-54	1,297	320	-12	-177	131
Residuum	1,213	-2	1,211	-104	—	-131	-235
Motor Gasoline Blend.Comp. (MGBC)(net)	57,435	4,746	62,181	3,550	898	-308	4,140
Reformulated - RBOB	16,474	—	16,474	-606	928	657	979
Conventional	40,961	4,746	45,707	4,156	-30	-965	3,161
CBOB	36,811	4,733	41,544	4,235	198	-648	3,785
GTAB	484	—	484	—	—	—	—
Other	3,666	13	3,679	-79	-228	-317	-624
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	92,305	8,081	100,386	75,129	16,649	25,098	116,876

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,791	115,138	89,430	6,439	2,668	230,466	16,518	61,445	435,294
Natural Gas Plant Liquids and Liquefied Refinery Gases	587	4,138	4,042	48	112	8,927	537	2,644	16,420
Pentanes Plus	161	1,065	1,173	11	—	2,410	136	869	4,189
Liquefied Petroleum Gases	426	3,073	2,869	37	112	6,517	401	1,775	12,231
Normal Butane	212	1,635	1,758	15	12	3,632	243	1,162	6,826
Isobutane	214	1,438	1,111	22	100	2,885	158	613	5,405
Other Liquids	8,806	-28,021	-30,595	6,667	45	-43,098	268	13,693	56,948
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	1,862	3,146	2,089	1,146	203	8,446	1,015	5,704	32,671
Hydrogen	12	2,185	1,506	95	41	3,839	207	840	6,074
Oxygenates (excluding Fuel Ethanol)	—	122	—	—	—	122	—	—	122
Methyl Tertiary Butyl Ether (MTBE)	—	122	—	—	—	122	—	—	122
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,850	839	583	1,051	162	4,485	808	4,864	26,440
Fuel Ethanol	1,781	765	417	922	145	4,030	770	4,291	24,692
Renewable Diesel Fuel	69	74	166	129	17	455	38	568	1,743
Other Renewable Fuels	—	—	—	—	—	—	—	5	5
Other Hydrocarbons	—	—	—	—	—	—	—	—	35
Unfinished Oils (net)	-770	2,180	78	-31	51	1,508	189	3,927	7,882
Naphthas and Lighter	-217	-3,743	-454	-11	30	-4,395	-19	306	-3,482
Kerosene and Light Gas Oils	-197	-1,729	295	-36	41	-1,626	-199	468	-2,129
Heavy Gas Oils	-74	7,221	-1,387	24	-20	5,764	322	2,361	9,875
Residuum	-282	431	1,624	-8	—	1,765	85	792	3,618
Motor Gasoline Blend.Comp. (MGBC)(net)	7,713	-33,347	-32,762	5,552	-209	-53,053	-936	4,062	16,394
Reformulated - RBOB	5,099	-6,495	-1,922	—	-447	-3,765	—	2,922	16,610
Conventional	2,614	-26,852	-30,840	5,552	238	-49,288	-936	1,140	-216
CBOB	2,531	-29,056	-29,110	5,572	201	-49,862	-1,028	1,734	-3,827
GTAB	—	—	—	—	—	—	—	—	484
Other	83	2,204	-1,730	-20	37	574	92	-594	3,127
Aviation Gasoline Blend. Comp. (net)	1	—	—	—	—	1	—	—	1
Total Input	26,184	91,255	62,877	13,154	2,825	196,295	17,323	77,782	508,662

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	264	-22	242	1,462	48	233	1,743
Ethane/Ethylene	10	—	10	—	—	—	—
Ethane	—	—	—	—	—	—	—
Ethylene	10	—	10	—	—	—	—
Propane/Propylene	895	23	918	2,187	434	646	3,267
Propane	496	23	519	1,333	224	397	1,954
Propylene	399	—	399	854	210	249	1,313
Normal Butane/Butylene	-612	-28	-640	-693	-358	-365	-1,416
Normal Butane	-589	-28	-617	-648	-358	-365	-1,371
Butylene	-23	—	-23	-45	—	—	-45
Isobutane/Isobutylene	-29	-17	-46	-32	-28	-48	-108
Isobutane	-55	-17	-72	-32	-28	-48	-108
Isobutylene	26	—	26	—	—	—	—
Finished Motor Gasoline	80,054	6,471	86,525	44,731	9,702	13,942	68,375
Reformulated	34,613	—	34,613	7,631	1,363	965	9,959
Reformulated Blended with Fuel Ethanol	34,613	—	34,613	7,631	1,363	965	9,959
Reformulated Other	—	—	—	—	—	—	—
Conventional	45,441	6,471	51,912	37,100	8,339	12,977	58,416
Conventional Blended with Fuel Ethanol	48,699	6,231	54,930	34,394	8,599	12,196	55,189
Ed55 and Lower	48,669	6,231	54,900	34,388	8,580	12,153	55,121
Greater than Ed55	30	—	30	6	19	43	68
Conventional Other	-3,258	240	-3,018	2,706	-260	781	3,227
Finished Aviation Gasoline	—	—	—	—	21	—	21
Kerosene-Type Jet Fuel	1,882	—	1,882	5,110	829	898	6,837
Kerosene	26	8	34	46	—	-8	38
Distillate Fuel Oil	7,205	745	7,950	17,174	4,216	8,528	29,918
15 ppm sulfur and under	4,889	642	5,531	17,283	4,285	8,537	30,105
Greater than 15 ppm to 500 ppm sulfur	261	67	328	—	65	47	112
Greater than 500 ppm sulfur	2,055	36	2,091	-109	-134	-56	-299
Residual Fuel Oil	1,075	5	1,080	1,019	271	88	1,378
Less than 0.31 percent sulfur	444	4	448	—	76	—	76
0.31 to 1.00 percent sulfur	94	1	95	176	64	—	240
Greater than 1.00 percent sulfur	537	—	537	843	131	88	1,062
Petrochemical Feedstocks	85	—	85	852	10	34	896
Naphtha for Petro. Feed. Use	85	—	85	631	10	—	641
Other Oils for Petro. Feed. Use	—	—	—	221	—	34	255
Special Naphthas	—	17	17	39	—	7	46
Lubricants	184	175	359	—	—	230	230
Waxes	—	7	7	—	—	33	33
Petroleum Coke	1,021	17	1,038	3,589	739	877	5,205
Marketable	413	—	413	2,620	574	691	3,885
Catalyst	608	17	625	969	165	186	1,320
Asphalt and Road Oil	715	574	1,289	2,647	1,198	380	4,225
Still Gas	1,134	50	1,184	2,240	592	907	3,739
Miscellaneous Products	59	31	90	274	104	53	431
Total	93,704	8,078	101,782	79,183	17,730	26,202	123,115
Processing Gain(-) or Loss(+) ¹	-1,399	3	-1,396	-4,054	-1,081	-1,104	-6,239

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	579	5,022	3,021	8	16	8,646	231	663	11,525
Ethane/Ethylene	1	111	153	—	—	265	—	—	275
Ethane	1	105	153	—	—	259	—	—	259
Ethylene	—	6	—	—	—	6	—	—	16
Propane/Propylene	643	5,245	3,543	56	30	9,517	269	1,234	15,205
Propane	289	2,061	1,747	17	30	4,144	255	1,006	7,878
Propylene	354	3,184	1,796	39	—	5,373	14	228	7,327
Normal Butane/Butylene	-68	-468	-847	-48	-5	-1,436	-43	-556	-4,091
Normal Butane	-68	-162	-309	-48	-6	-593	-58	-552	-3,191
Butylene	—	-306	-538	—	1	-843	15	-4	-900
Isobutane/Isobutylene	3	134	172	—	-9	300	5	-15	136
Isobutane	3	134	172	—	-9	300	5	-15	110
Isobutylene	—	—	—	—	—	—	—	—	26
Finished Motor Gasoline	18,357	23,154	8,748	8,506	1,418	60,183	8,512	43,860	267,455
Reformulated	6,982	5,959	—	—	—	12,941	—	30,721	88,234
Reformulated Blended with Fuel Ethanol	6,982	5,959	—	—	—	12,941	—	30,721	88,234
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	11,375	17,195	8,748	8,506	1,418	47,242	8,512	13,139	179,221
Conventional Blended with Fuel Ethanol	10,610	1,600	4,138	9,144	1,390	26,882	7,659	12,021	156,681
Ed55 and Lower	10,602	1,600	4,138	9,134	1,390	26,864	7,650	12,017	156,552
Greater than Ed55	8	—	—	10	—	18	9	4	129
Conventional Other	765	15,595	4,610	-638	28	20,360	853	1,118	22,540
Finished Aviation Gasoline	73	63	24	—	—	160	5	1	187
Kerosene-Type Jet Fuel	1,133	10,599	11,418	192	—	23,342	783	12,076	44,920
Kerosene	-10	-51	-11	9	—	-63	—	19	28
Distillate Fuel Oil	4,747	36,979	27,629	2,350	1,184	72,889	5,782	14,283	130,822
15 ppm sulfur and under	4,785	35,754	22,314	2,244	1,184	66,281	5,823	13,340	121,080
Greater than 15 ppm to 500 ppm sulfur	—	277	1,908	45	—	2,230	19	315	3,004
Greater than 500 ppm sulfur	-38	948	3,407	61	—	4,378	-60	628	6,738
Residual Fuel Oil	276	3,310	3,399	-96	60	6,949	352	3,793	13,552
Less than 0.31 percent sulfur	219	-54	873	—	—	1,038	208	—	1,770
0.31 to 1.00 percent sulfur	—	134	282	-96	15	335	9	658	1,337
Greater than 1.00 percent sulfur	57	3,230	2,244	—	45	5,576	135	3,135	10,445
Petrochemical Feedstocks	124	5,467	2,104	11	—	7,706	—	3	8,690
Naphtha for Petro. Feed. Use	105	3,905	1,462	11	—	5,483	—	3	6,212
Other Oils for Petro. Feed. Use	19	1,562	642	—	—	2,223	—	—	2,478
Special Naphthas	87	633	—	212	—	932	—	23	1,018
Lubricants	-1	1,654	1,599	755	—	4,007	—	495	5,091
Waxes	—	54	40	22	—	116	—	—	156
Petroleum Coke	412	7,600	5,365	161	37	13,575	802	3,878	24,498
Marketable	206	5,787	4,344	147	—	10,484	582	3,033	18,397
Catalyst	206	1,813	1,021	14	37	3,091	220	845	6,101
Asphalt and Road Oil	139	366	654	886	66	2,111	961	445	9,031
Still Gas	698	5,180	3,656	105	58	9,697	664	3,144	18,428
Miscellaneous Products	101	929	495	15	24	1,564	92	345	2,522
Total	26,715	100,959	68,141	13,136	2,863	211,814	18,184	83,028	537,923
Processing Gain(-) or Loss(+) ¹	-531	-9,704	-5,264	18	-38	-15,519	-861	-5,246	-29,261

— = No Data Reported.

¹ Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	22,525	2,743	25,268	63,782	14,507	23,308	101,597
Natural Gas Plant Liquids	612	—	612	1,963	134	688	2,785
Pentanes Plus	—	—	—	251	—	236	487
Liquefied Petroleum Gases	612	—	612	1,712	134	452	2,298
Normal Butane	219	—	219	819	90	33	942
Isobutane	393	—	393	893	44	419	1,356
Other Liquids	-10,631	92	-10,539	-30,329	-5,846	-10,958	-47,133
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	165	121	286	893	424	263	1,580
Hydrogen	108	2	110	637	264	177	1,078
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	57	119	176	221	160	86	467
Fuel Ethanol	57	100	157	134	147	81	362
Renewable Diesel Fuel	—	19	19	87	13	5	105
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	35	—	—	35
Unfinished Oils (net)	2,447	-77	2,370	619	-257	-494	-132
Naphthas and Lighter	262	-21	241	527	-123	-19	385
Kerosene and Light Gas Oils	-377	—	-377	-54	-122	-167	-343
Heavy Gas Oils	1,349	-54	1,295	320	-12	-177	131
Residuum	1,213	-2	1,211	-174	—	-131	-305
Motor Gasoline Blend.Comp. (MGBC)(net)	-13,243	48	-13,195	-31,841	-6,013	-10,727	-48,581
Reformulated - RBOB	-8,717	—	-8,717	-7,343	-299	-204	-7,846
Conventional	-4,526	48	-4,478	-24,498	-5,714	-10,523	-40,735
CBOB	-4,400	35	-4,365	-23,412	-5,442	-10,206	-39,060
GTAB	—	—	—	—	—	—	—
Other	-126	13	-113	-1,086	-272	-317	-1,675
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input to Refineries	12,506	2,835	15,341	35,416	8,795	13,038	57,249
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	804	99	903	2,270	519	833	3,623
Operable Capacity (daily average)	1,157	98	1,256	2,607	520	872	3,999
Operable Utilization Rate (percent) ²	69.5	100.4	71.9	87.1	99.8	95.5	90.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	134	17	151	400	61	148	608
Catalytic Cracking	380	15	396	712	147	200	1,059
Catalytic Hydrocracking	33	—	33	189	50	57	295
Delayed and Fluid Coking	58	—	58	307	59	87	453
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.02	1.57	1.08	1.68	2.13	0.91	1.57
API Gravity, Weighted Average (degrees)	32.87	32.93	32.88	31.76	28.78	37.20	32.54
Operable Capacity (daily average)	1,157	98	1,256	2,607	520	872	3,999
Operating	1,083	98	1,182	2,585	520	802	3,907
Idle	74	—	74	22	—	70	92
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	16,791	115,138	89,430	6,439	2,668	230,466	16,518	61,445	435,294
Natural Gas Plant Liquids	553	3,788	3,838	33	112	8,324	443	2,623	14,787
Pentanes Plus	144	974	1,173	11	—	2,302	109	869	3,767
Liquefied Petroleum Gases	409	2,814	2,665	22	112	6,022	334	1,754	11,020
Normal Butane	195	1,376	1,554	—	12	3,137	176	1,141	5,615
Isobutane	214	1,438	1,111	22	100	2,885	158	613	5,405
Other Liquids	-6,914	-38,240	-33,205	-1,500	-875	-80,734	-3,822	-27,313	-169,541
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	209	2,360	1,747	193	91	4,600	464	1,077	8,007
Hydrogen	12	2,185	1,506	95	41	3,839	207	840	6,074
Oxygenates (excluding Fuel Ethanol)	—	122	—	—	—	122	—	—	122
Methyl Tertiary Butyl Ether (MTBE)	—	122	—	—	—	122	—	—	122
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	197	53	241	98	50	639	257	237	1,776
Fuel Ethanol	170	41	144	34	50	439	234	74	1,266
Renewable Diesel Fuel	27	12	97	64	—	200	23	158	505
Other Renewable Fuels	—	—	—	—	—	—	—	5	5
Other Hydrocarbons	—	—	—	—	—	—	—	—	35
Unfinished Oils (net)	-770	2,180	35	-31	51	1,465	189	3,927	7,819
Naphthas and Lighter	-217	-3,743	-454	-11	30	-4,395	-19	306	-3,482
Kerosene and Light Gas Oils	-197	-1,729	252	-36	41	-1,669	-199	468	-2,120
Heavy Gas Oils	-74	7,221	-1,387	24	-20	5,764	322	2,361	9,873
Residuum	-282	431	1,624	-8	—	1,765	85	792	3,548
Motor Gasoline Blend Comp. (MGBBC)(net)	-6,354	-42,780	-34,987	-1,662	-1,017	-86,800	-4,475	-32,317	-185,368
Reformulated - RBOB	-1,156	-11,002	-1,922	—	-447	-14,527	—	-24,121	-55,211
Conventional	-5,198	-31,778	-33,065	-1,662	-570	-72,273	-4,475	-8,196	-130,157
CBOB	-5,281	-28,170	-30,587	-1,611	-607	-66,256	-4,563	-7,493	-121,737
GTAB	—	—	—	—	—	—	—	—	—
Other	83	-3,608	-2,478	-51	37	-6,017	88	-703	-8,420
Aviation Gasoline Blend. Comp. (net)	1	—	—	—	—	1	—	—	1
Total Input to Refineries	10,430	80,686	60,063	4,972	1,905	158,056	13,139	36,755	280,540
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	597	4,104	3,335	205	95	8,335	591	2,368	15,820
Operable Capacity (daily average)	731	4,941	3,696	246	124	9,738	692	2,933	18,617
Operable Utilization Rate (percent) ²	81.7	83.1	90.2	83.1	77.2	85.6	85.4	80.7	85.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	125	638	560	27	18	1,368	84	395	2,606
Catalytic Cracking	156	1,256	821	18	25	2,276	161	621	4,512
Catalytic Hydrocracking	35	562	329	17	—	943	18	444	1,733
Delayed and Fluid Coking	30	699	524	11	—	1,264	77	409	2,260
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.67	1.74	1.44	1.53	0.64	1.52	1.49	1.34	1.48
API Gravity, Weighted Average (degrees)	39.97	30.88	30.53	30.95	39.37	31.54	33.02	28.48	31.42
Operable Capacity (daily average)	731	4,941	3,696	246	124	9,738	692	2,933	18,617
Operating	731	4,898	3,696	246	124	9,695	682	2,703	18,169
Idle	—	43	—	—	—	43	10	230	448
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,056	14,056

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	264	-22	242	1,462	48	233	1,743
Ethane/Ethylene	10	-	10	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	10	-	10	-	-	-	-
Propane/Propylene	895	23	918	2,187	434	646	3,267
Propane	496	23	519	1,333	224	397	1,954
Propylene	399	-	399	854	210	249	1,313
Normal Butane/Butylene	-612	-28	-640	-693	-358	-365	-1,416
Normal Butane	-589	-28	-617	-648	-358	-365	-1,371
Butylene	-23	-	-23	-45	-	-	-45
Isobutane/Isobutylene	-29	-17	-46	-32	-28	-48	-108
Isobutane	-55	-17	-72	-32	-28	-48	-108
Isobutylene	26	-	26	-	-	-	-
Finished Motor Gasoline	566	1,250	1,816	5,200	1,873	1,935	9,008
Reformulated	566	-	566	-	-	-	-
Reformulated Blended with Fuel Ethanol	566	-	566	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,250	1,250	5,200	1,873	1,935	9,008
Conventional Blended with Fuel Ethanol	-	998	998	1,360	1,457	843	3,660
Ed55 and Lower	-	998	998	1,360	1,457	843	3,660
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	252	252	3,840	416	1,092	5,348
Finished Aviation Gasoline	-	-	-	-	21	-	21
Kerosene-Type Jet Fuel	1,882	-	1,882	5,124	829	898	6,851
Commercial	1,882	-	1,882	5,124	779	804	6,707
Military	-	-	-	-	50	94	144
Kerosene	38	8	46	46	-	-8	38
Distillate Fuel Oil	6,847	721	7,568	17,055	4,190	8,474	29,719
15 ppm sulfur and under	4,789	618	5,407	17,164	4,259	8,483	29,906
Greater than 15 ppm to 500 ppm sulfur	139	67	206	-	65	-30	35
Greater than 500 ppm sulfur	1,919	36	1,955	-109	-134	21	-222
Residual Fuel Oil	1,113	5	1,118	1,019	271	88	1,378
Less than 0.31 percent sulfur	490	4	494	-	76	-	76
0.31 to 1.00 percent sulfur	92	1	93	176	64	-	240
Greater than 1.00 percent sulfur	531	-	531	843	131	88	1,062
Petrochemical Feedstocks	85	-	85	852	10	34	896
Naphtha for Petro. Feed. Use	85	-	85	631	10	-	641
Other Oils for Petro. Feed. Use	-	-	-	221	-	34	255
Special Naphthas	-	17	17	39	-	7	46
Lubricants	184	175	359	-	-	230	230
Naphthenic	-	-	-	-	-	-	-
Paraffinic	184	175	359	-	-	230	230
Waxes	-	7	7	-	-	33	33
Petroleum Coke	1,021	17	1,038	3,589	739	877	5,205
Marketable	413	-	413	2,620	574	691	3,885
Catalyst	608	17	625	969	165	186	1,320
Asphalt and Road Oil	713	574	1,287	2,577	1,198	380	4,155
Still Gas	1,134	50	1,184	2,240	592	907	3,739
Miscellaneous Products	59	31	90	274	104	53	431
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	59	31	90	274	104	53	431
Total	13,906	2,833	16,739	39,477	9,875	14,141	63,493
Processing Gain(-) or Loss(+) ¹	-1,400	2	-1,398	-4,061	-1,080	-1,103	-6,244

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	579	5,022	3,021	8	16	8,646	231	663	11,525
Ethane/Ethylene	1	111	153	—	—	265	—	—	275
Ethane	1	105	153	—	—	259	—	—	259
Ethylene	—	6	—	—	—	6	—	—	16
Propane/Propylene	643	5,245	3,543	56	30	9,517	269	1,234	15,205
Propane	289	2,061	1,747	17	30	4,144	255	1,006	7,878
Propylene	354	3,184	1,796	39	—	5,373	14	228	7,327
Normal Butane/Butylene	-68	-468	-847	-48	-5	-1,436	-43	-556	-4,091
Normal Butane	-68	-162	-309	-48	-6	-593	-58	-552	-3,191
Butylene	—	-306	-538	—	1	-843	15	-4	-900
Isobutane/Isobutylene	3	134	172	—	-9	300	5	-15	136
Isobutane	3	134	172	—	-9	300	5	-15	110
Isobutylene	—	—	—	—	—	—	—	—	26
Finished Motor Gasoline	2,644	12,646	6,050	390	515	22,245	4,348	3,238	40,655
Reformulated	—	—	—	—	—	—	—	534	1,100
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	534	1,100
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,644	12,646	6,050	390	515	22,245	4,348	2,704	39,555
Conventional Blended with Fuel Ethanol	1,658	410	1,433	331	454	4,286	2,355	224	11,523
Ed55 and Lower	1,655	410	1,433	331	454	4,283	2,355	224	11,520
Greater than Ed55	3	—	—	—	—	3	—	—	3
Conventional Other	986	12,236	4,617	59	61	17,959	1,993	2,480	28,032
Finished Aviation Gasoline	73	63	24	—	—	160	5	2	188
Kerosene-Type Jet Fuel	1,133	10,579	11,407	192	—	23,311	750	12,105	44,899
Commercial	905	9,883	11,286	124	—	22,198	695	11,936	43,418
Military	228	696	121	68	—	1,113	55	169	1,481
Kerosene	-10	—	-13	9	—	-14	—	0	70
Distillate Fuel Oil	4,706	36,887	27,571	2,286	1,166	72,616	5,801	13,865	129,569
15 ppm sulfur and under	4,744	35,855	22,256	2,180	1,166	66,201	5,842	12,942	120,298
Greater than 15 ppm to 500 ppm sulfur	—	276	1,908	45	—	2,229	19	315	2,804
Greater than 500 ppm sulfur	-38	756	3,407	61	—	4,186	-60	608	6,467
Residual Fuel Oil	276	3,310	3,427	-96	60	6,977	352	3,793	13,618
Less than 0.31 percent sulfur	219	—	873	—	—	1,092	208	—	1,870
0.31 to 1.00 percent sulfur	—	96	282	-96	15	297	9	658	1,297
Greater than 1.00 percent sulfur	57	3,214	2,272	—	45	5,588	135	3,135	10,451
Petrochemical Feedstocks	124	5,467	2,104	11	—	7,706	—	3	8,690
Naphtha for Petro. Feed. Use	105	3,905	1,462	11	—	5,483	—	3	6,212
Other Oils for Petro. Feed. Use	19	1,562	642	—	—	2,223	—	—	2,478
Special Naphthas	87	633	—	212	—	932	—	23	1,018
Lubricants	-1	1,654	1,599	755	—	4,007	—	495	5,091
Naphthenic	-1	58	—	572	—	629	—	65	694
Paraffinic	—	1,596	1,599	183	—	3,378	—	430	4,397
Waxes	—	54	40	22	—	116	—	—	156
Petroleum Coke	412	7,600	5,365	161	37	13,575	802	3,878	24,498
Marketable	206	5,787	4,344	147	—	10,484	582	3,033	18,397
Catalyst	206	1,813	1,021	14	37	3,091	220	845	6,101
Asphalt and Road Oil	139	366	583	886	66	2,040	961	445	8,888
Still Gas	698	5,180	3,656	105	58	9,697	664	3,144	18,428
Miscellaneous Products	101	929	495	15	24	1,564	92	345	2,522
Fuel Use	—	—	—	—	—	—	—	55	55
Nonfuel Use	101	929	495	15	24	1,564	92	290	2,467
Total	10,961	90,390	65,329	4,956	1,942	173,578	14,006	41,999	309,815
Processing Gain(-) or Loss(+) ¹	-531	-9,704	-5,266	16	-37	-15,522	-867	-5,244	-29,275

— = No Data Reported.

¹ Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, February 2017
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	471	—	471	60	59	325	444
Pentanes Plus	212	—	212	—	12	63	75
Liquefied Petroleum Gases	259	—	259	60	47	262	369
Normal Butane	259	—	259	60	47	262	369
Isobutane	—	—	—	—	—	—	—
Other Liquids	79,328	5,246	84,574	39,653	7,795	11,735	59,183
Oxygenates/Renewables	8,648	549	9,197	4,243	884	1,316	6,443
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,648	549	9,197	4,243	884	1,316	6,443
Fuel Ethanol	8,340	524	8,864	4,101	857	1,260	6,218
Renewable Diesel Fuel	308	25	333	142	27	56	225
Other Renewable Fuels	—	—	—	—	—	—	—
Unfinished Oils (net)	2	-1	1	19	—	—	19
Naphthas and Lighter	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	—	-1	-1	-51	—	—	-51
Heavy Gas Oils	2	—	2	—	—	—	—
Residium	—	—	—	70	—	—	70
Motor Gasoline Blend.Comp. (MGBC)(net)	70,678	4,698	75,376	35,391	6,911	10,419	52,721
Reformulated - RBOB	25,191	—	25,191	6,737	1,227	861	8,825
Conventional	45,487	4,698	50,185	28,654	5,684	9,558	43,896
CBOB	41,211	4,698	45,909	27,647	5,640	9,558	42,845
GTAB	484	—	484	—	—	—	—
Other	3,792	—	3,792	1,007	44	—	1,051
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	79,799	5,246	85,045	39,713	7,854	12,060	59,627

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	34	350	204	15	—	603	94	21	1,633
Pentanes Plus	17	91	—	—	—	108	27	—	422
Liquefied Petroleum Gases	17	259	204	15	—	495	67	21	1,211
Normal Butane	17	259	204	15	—	495	67	21	1,211
Isobutane	—	—	—	—	—	—	—	—	—
Other Liquids	15,720	10,219	2,610	8,167	920	37,636	4,090	41,006	226,489
Oxygenates/Renewables	1,653	786	342	953	112	3,846	551	4,627	24,664
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,653	786	342	953	112	3,846	551	4,627	24,664
Fuel Ethanol	1,611	724	273	888	95	3,591	536	4,217	23,426
Renewable Diesel Fuel	42	62	69	65	17	255	15	410	1,238
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Unfinished Oils (net)	—	—	43	—	—	43	—	—	63
Naphthas and Lighter	—	—	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	—	—	43	—	—	43	—	—	-9
Heavy Gas Oils	—	—	—	—	—	—	—	—	2
Residium	—	—	—	—	—	—	—	—	70
Motor Gasoline Blend.Comp. (MGBC)(net)	14,067	9,433	2,225	7,214	808	33,747	3,539	36,379	201,762
Reformulated - RBOB	6,255	4,507	—	—	—	10,762	—	27,043	71,821
Conventional	7,812	4,926	2,225	7,214	808	22,985	3,539	9,336	129,941
CBOB	7,812	-886	1,477	7,183	808	16,394	3,535	9,227	117,910
GTAB	—	—	—	—	—	—	—	—	484
Other	—	5,812	748	31	—	6,591	4	109	11,547
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	15,754	10,569	2,814	8,182	920	38,239	4,184	41,027	228,122

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, February 2017
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	79,488	5,221	84,709	39,531	7,829	12,007	59,367
Reformulated	34,047	—	34,047	7,631	1,363	965	9,959
Reformulated Blended with Fuel Ethanol	34,047	—	34,047	7,631	1,363	965	9,959
Reformulated Other	—	—	—	—	—	—	—
Conventional	45,441	5,221	50,662	31,900	6,466	11,042	49,408
Conventional Blended with Fuel Ethanol	48,699	5,233	53,932	33,034	7,142	11,353	51,529
Ed55 and Lower	48,669	5,233	53,902	33,028	7,123	11,310	51,461
Greater than Ed55	30	—	30	6	19	43	68
Conventional Other	-3,258	-12	-3,270	-1,134	-676	-311	-2,121
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	—	—	—	-14	—	—	-14
Kerosene	-12	—	-12	—	—	—	—
Distillate Fuel Oil	358	24	382	119	26	54	199
15 ppm sulfur and under	100	24	124	119	26	54	199
Greater than 15 ppm to 500 ppm sulfur	122	0	122	—	—	77	77
Greater than 500 ppm sulfur	136	—	136	—	—	-77	-77
Residual Fuel Oil	-38	—	-38	—	—	—	—
Less than 0.31 percent sulfur	-46	—	-46	—	—	—	—
0.31 to 1.00 percent sulfur	2	—	2	—	—	—	—
Greater than 1.00 percent sulfur	6	—	6	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—
Asphalt and Road Oil	2	—	2	70	—	—	70
Miscellaneous Products	—	—	—	—	—	—	—
Total Production	79,798	5,245	85,043	39,706	7,855	12,061	59,622
Processing Gain(-) or Loss(+) ¹	1	1	2	7	-1	-1	5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	15,713	10,508	2,698	8,116	903	37,938	4,164	40,622	226,800
Reformulated	6,982	5,959	—	—	—	12,941	—	30,187	87,134
Reformulated Blended with Fuel Ethanol	6,982	5,959	—	—	—	12,941	—	30,187	87,134
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	8,731	4,549	2,698	8,116	903	24,997	4,164	10,435	139,666
Conventional Blended with Fuel Ethanol	8,952	1,190	2,705	8,813	936	22,596	5,304	11,797	145,158
Ed55 and Lower	8,947	1,190	2,705	8,803	936	22,581	5,295	11,793	145,032
Greater than Ed55	5	—	—	10	—	15	9	4	126
Conventional Other	-221	3,359	-7	-697	-33	2,401	-1,140	-1,362	-5,492
Finished Aviation Gasoline	—	—	—	—	—	—	—	-1	-1
Kerosene-Type Jet Fuel	—	20	11	—	—	31	33	-29	21
Kerosene	—	-51	2	—	—	-49	—	19	-42
Distillate Fuel Oil	41	92	58	64	18	273	-19	418	1,253
15 ppm sulfur and under	41	-101	58	64	18	80	-19	398	782
Greater than 15 ppm to 500 ppm sulfur	—	1	—	—	—	1	—	—	200
Greater than 500 ppm sulfur	—	192	—	—	—	192	—	20	271
Residual Fuel Oil	—	0	-28	—	—	-28	—	—	-66
Less than 0.31 percent sulfur	—	-54	—	—	—	-54	—	—	-100
0.31 to 1.00 percent sulfur	—	38	—	—	—	38	—	—	40
Greater than 1.00 percent sulfur	—	16	-28	—	—	-12	—	—	-6
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	71	—	—	71	—	—	143
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total Production	15,754	10,569	2,812	8,180	921	38,236	4,178	41,029	228,108
Processing Gain(-) or Loss(+) ¹	0	0	2	2	-1	3	6	-2	14

— = No Data Reported.

¹ Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	9,865	723	10,588	10,748	2,092	2,024	14,864
Petroleum Products	16,573	2,391	18,964	29,362	7,962	12,711	50,035
Pentanes Plus	—	—	—	58	—	455	513
Liquefied Petroleum Gases	895	42	937	2,586	265	439	3,290
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	296	3	299	976	66	165	1,207
Normal Butane/Butylene	423	18	441	1,358	125	80	1,563
Isobutane/Isobutylene	176	21	197	252	74	194	520
Oxygenates/Renewable Fuels/Other Hydrocarbons	109	87	196	68	70	36	174
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	109	87	196	48	70	36	154
Fuel Ethanol	109	81	190	31	57	31	119
Renewable Diesel Fuel	—	6	6	17	13	5	35
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	20	—	—	20
Unfinished Oils	5,719	413	6,132	8,112	686	4,738	13,536
Naphthas and Lighter	1,387	254	1,641	2,137	136	1,205	3,478
Kerosene and Light Gas Oils	755	—	755	1,788	317	828	2,933
Heavy Gas Oils	2,286	149	2,435	2,952	233	1,650	4,835
Residuum	1,291	10	1,301	1,235	—	1,055	2,290
Motor Gasoline Blending Components (MGBC)	5,441	319	5,760	8,620	2,669	4,095	15,384
Reformulated - RBOB	1,938	—	1,938	1,101	40	—	1,141
Conventional	3,503	319	3,822	7,519	2,629	4,095	14,243
CBOB	413	269	682	2,658	1,468	2,822	6,948
GTAB	—	—	—	—	—	—	—
Other	3,090	50	3,140	4,861	1,161	1,273	7,295
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	29	29	749	200	248	1,197
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	29	29	749	200	248	1,197
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	29	29	749	200	248	1,197
Finished Aviation Gasoline	—	—	—	—	80	—	80
Kerosene-Type Jet Fuel	358	—	358	1,433	294	315	2,042
Kerosene	81	6	87	101	—	12	113
Distillate Fuel Oil	2,350	238	2,588	3,738	1,439	1,519	6,696
15 ppm sulfur and under	1,538	121	1,659	3,581	1,150	1,343	6,074
Greater than 15 ppm to 500 ppm sulfur	42	95	137	—	68	50	118
Greater than 500 ppm sulfur	770	22	792	157	221	126	504
Residual Fuel Oil	588	22	610	813	193	50	1,056
Less than 0.31 percent sulfur	183	20	203	—	36	—	36
0.31 to 1.00 percent sulfur	71	2	73	95	12	—	107
Greater than 1.00 percent sulfur	334	—	334	718	145	50	913
Petrochemical Feedstocks	95	—	95	535	69	—	604
Naphtha for Petro. Feed. Use	95	—	95	382	69	—	451
Other Oils for Petro. Feed. Use	—	—	—	153	—	—	153
Special Naphthas	—	14	14	63	—	12	75
Lubricants	350	284	634	—	—	237	237
Waxes	—	411	411	—	—	44	44
Petroleum Coke	—	—	—	279	552	67	898
Marketable	—	—	—	279	552	67	898
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	575	507	1,082	2,118	1,421	439	3,978
Miscellaneous Products	12	19	31	89	24	5	118
Total Stocks, All Oils	26,438	3,114	29,552	40,110	10,054	14,735	64,899

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2017
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,015	27,933	17,681	1,144	363	49,136	2,091	25,279	101,958
Petroleum Products	10,159	56,899	51,819	4,179	1,249	124,305	11,011	49,247	253,562
Pentanes Plus	69	64	327	—	43	503	11	—	1,027
Liquefied Petroleum Gases	1,713	1,331	5,900	10	22	8,976	357	1,359	14,919
Ethane/Ethylene	160	—	—	—	—	160	—	—	160
Propane/Propylene	592	85	1,178	3	2	1,860	49	161	3,576
Normal Butane/Butylene	749	1,067	3,155	2	11	4,984	219	704	7,911
Isobutane/Isobutylene	212	179	1,567	5	9	1,972	89	494	3,272
Oxygenates/Renewable Fuels/Other Hydrocarbons	38	106	196	59	13	412	114	438	1,334
Oxygenates (excluding Fuel Ethanol)	—	63	—	—	—	63	—	—	63
Methyl Tertiary Butyl Ether (MTBE)	—	63	—	—	—	63	—	—	63
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	38	43	196	59	13	349	114	438	1,251
Fuel Ethanol	30	22	79	28	10	169	103	26	607
Renewable Diesel Fuel	8	21	117	31	3	180	11	369	601
Other Renewable Fuels	—	—	—	—	—	—	—	43	43
Other Hydrocarbons	—	—	—	—	—	—	—	—	20
Unfinished Oils	3,193	21,284	15,869	1,074	525	41,945	2,620	18,472	82,705
Naphthas and Lighter	1,190	6,699	2,536	233	180	10,838	584	3,139	19,680
Kerosene and Light Gas Oils	837	3,601	2,851	225	167	7,681	491	3,324	15,184
Heavy Gas Oils	428	8,805	8,356	551	178	18,318	1,125	9,570	36,283
Residuum	738	2,179	2,126	65	—	5,108	420	2,439	11,558
Motor Gasoline Blending Components (MGBC)	2,524	11,231	11,794	291	300	26,140	3,588	13,911	64,783
Reformulated - RBOB	233	1,201	250	—	—	1,684	—	4,853	9,616
Conventional	2,291	10,030	11,544	291	300	24,456	3,588	9,058	55,167
CBOB	1,142	2,777	6,177	219	104	10,419	1,783	2,219	22,051
GTAB	—	—	—	—	—	—	—	—	—
Other	1,149	7,253	5,367	72	196	14,037	1,805	6,839	33,116
Aviation Gasoline Blending Components	9	—	—	—	—	9	—	—	9
Finished Motor Gasoline	464	1,225	1,540	12	65	3,306	865	840	6,237
Reformulated	—	—	—	—	—	—	—	18	18
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	18	18
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	464	1,225	1,540	12	65	3,306	865	822	6,219
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	62	—	62
Ed55 and Lower	—	—	—	—	—	—	62	—	62
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	464	1,225	1,540	12	65	3,306	803	822	6,157
Finished Aviation Gasoline	36	100	130	—	—	266	11	102	459
Kerosene-Type Jet Fuel	311	3,106	2,478	102	—	5,997	279	3,366	12,042
Kerosene	20	7	59	4	—	90	2	3	295
Distillate Fuel Oil	874	7,517	6,848	491	134	15,864	1,860	5,437	32,445
15 ppm sulfur and under	845	6,746	4,887	356	134	12,968	1,663	4,670	27,034
Greater than 15 ppm to 500 ppm sulfur	13	159	986	13	—	1,171	165	207	1,798
Greater than 500 ppm sulfur	16	612	975	122	—	1,725	32	560	3,613
Residual Fuel Oil	48	2,243	1,513	61	48	3,913	284	2,610	8,473
Less than 0.31 percent sulfur	4	—	191	—	—	195	33	—	467
0.31 to 1.00 percent sulfur	—	137	104	61	3	305	4	472	961
Greater than 1.00 percent sulfur	44	2,106	1,218	—	45	3,413	247	2,138	7,045
Petrochemical Feedstocks	159	1,688	712	12	—	2,571	—	1	3,271
Naphtha for Petro. Feed. Use	30	1,168	544	12	—	1,754	—	1	2,301
Other Oils for Petro. Feed. Use	129	520	168	—	—	817	—	—	970
Special Naphthas	83	640	—	78	—	801	—	62	952
Lubricants	42	2,245	2,545	782	—	5,614	—	555	7,040
Waxes	—	78	121	53	—	252	—	—	707
Petroleum Coke	39	3,621	1,270	—	—	4,930	176	1,260	7,264
Marketable	39	3,621	1,270	—	—	4,930	176	1,260	7,264
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	498	168	415	1,149	86	2,316	821	743	8,940
Miscellaneous Products	39	245	102	1	13	400	23	88	660
Total Stocks, All Oils	12,174	84,832	69,500	5,323	1,612	173,441	13,102	74,526	355,520

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, February 2017

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	1.1	-0.8	0.9	2.3	0.3	1.0	1.7
Finished Motor Gasoline ¹	52.4	41.3	51.3	53.7	52.4	51.7	53.1
Finished Aviation Gasoline ²	—	—	—	—	0.1	—	0.0
Kerosene-Type Jet Fuel	7.5	—	6.8	7.9	5.7	3.9	6.7
Kerosene	0.2	0.3	0.2	0.1	—	0.0	0.0
Distillate Fuel Oil ³	27.3	26.3	27.2	26.1	28.8	36.8	28.9
Residual Fuel Oil	4.4	0.2	4.0	1.6	1.9	0.4	1.3
Naphtha for Petro. Feed. Use	0.3	—	0.3	1.0	0.0	—	0.6
Other Oils for Petro. Feed. Use	—	—	—	0.3	—	0.2	0.3
Special Naphthas	—	0.6	0.1	0.1	—	0.0	0.0
Lubricants	0.7	6.6	1.3	—	—	1.0	0.2
Waxes	—	0.3	0.0	—	—	0.1	0.0
Petroleum Coke	4.1	0.6	3.7	5.5	5.1	3.8	5.1
Asphalt and Road Oil	2.8	21.5	4.6	4.0	8.3	1.7	4.1
Still Gas	4.5	1.9	4.3	3.4	4.1	4.0	3.7
Miscellaneous Products	0.2	1.2	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.6	0.1	-5.0	-6.2	-7.5	-4.8	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	3.6	4.2	3.3	0.1	0.6	3.7	1.4	1.0	2.6
Finished Motor Gasoline ¹	51.6	43.1	40.7	30.5	49.6	42.5	48.2	49.6	46.7
Finished Aviation Gasoline ²	0.5	0.1	0.0	—	—	0.1	0.0	0.0	0.0
Kerosene-Type Jet Fuel	7.1	8.9	12.5	3.0	—	9.9	4.4	18.3	10.0
Kerosene	-0.1	—	0.0	0.1	—	0.0	—	0.0	0.0
Distillate Fuel Oil ³	29.2	30.9	30.2	34.2	42.3	30.7	34.2	20.7	28.7
Residual Fuel Oil	1.7	2.8	3.8	-1.5	2.2	3.0	2.1	5.7	3.0
Naphtha for Petro. Feed. Use	0.7	3.3	1.6	0.2	—	2.3	—	0.0	1.4
Other Oils for Petro. Feed. Use	0.1	1.3	0.7	—	—	0.9	—	—	0.6
Special Naphthas	0.5	0.5	—	3.3	—	0.4	—	0.0	0.2
Lubricants	0.0	1.4	1.8	11.6	—	1.7	—	0.8	1.1
Waxes	—	0.1	0.0	0.3	—	0.1	—	—	0.0
Petroleum Coke	2.6	6.4	5.9	2.5	1.3	5.8	4.7	5.9	5.5
Asphalt and Road Oil	0.9	0.3	0.6	13.6	2.4	0.9	5.7	0.7	2.0
Still Gas	4.4	4.3	4.0	1.6	2.1	4.1	3.9	4.8	4.1
Miscellaneous Products	0.6	0.8	0.5	0.0	1.0	0.7	0.5	0.5	0.6
Processing Gain(-) or Loss(+) ⁴	-3.3	-8.1	-5.8	0.3	-1.4	-6.6	-5.1	-7.9	-6.5

— = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas plant liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, "other" renewable diesel fuels, and "other" renewable fuels.

⁴ Represents the arithmetic difference between refinery input and production divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, February 2017
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	200	2,162	2,362
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	—	520	520
Georgia	—	—	117	117
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	200	1,011	1,211
New York	—	—	—	—
North Carolina	—	—	—	—
Pennsylvania	—	—	170	170
Rhode Island	—	—	—	—
South Carolina	—	—	242	242
Vermont	—	—	2	2
Virginia	—	—	100	100
West Virginia	—	—	—	—
PAD District 2	—	11	84	95
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	84	84
Minnesota	—	11	—	11
North Dakota	—	—	—	—
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	125	—	2,318	2,443
Alabama	—	—	—	—
Louisiana	—	—	300	300
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	125	—	2,018	2,143
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	—	—	1,407	1,407
Alaska	—	—	—	—
California	—	—	1,351	1,351
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	—	56	56
U.S. Total	125	211	5,971	6,307

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, February 2017
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	19,181	71,457	92,165	7,567	30,536	220,906	7,890
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,120	2,977	372	529	1,082	7,080	253
Pentanes Plus	—	2	330	—	—	332	12
Liquefied Petroleum Gases	2,120	2,975	42	529	1,082	6,748	241
Ethane	—	—	—	—	—	—	—
Ethylene	—	—	—	—	—	—	—
Propane	1,696	2,256	4	493	882	5,331	190
Propylene	338	326	—	—	—	664	24
Normal Butane	16	108	—	31	177	332	12
Butylene	—	100	38	—	—	138	5
Isobutane	70	185	—	5	23	283	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	15,899	429	12,044	17	3,413	31,802	1,136
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	456	19	799	5	320	1,599	57
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	386	—	—	386	14
Methyl Tertiary Butyl Ether (MTBE)	—	—	253	—	—	253	9
Other Oxygenates ³	—	—	133	—	—	133	5
Renewable Fuels (including Fuel Ethanol)	455	16	377	5	320	1,173	42
Fuel Ethanol	—	—	377	—	—	377	13
Biomass-Based Diesel Fuel	455	16	—	5	73	549	20
Other Renewable Diesel Fuel	—	—	—	—	247	247	9
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1	3	36	—	—	40	1
Unfinished Oils ¹	3,653	—	9,560	—	2,687	15,900	568
Naphthas and Lighter	194	—	—	—	241	435	16
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,788	—	6,921	—	2,103	10,812	386
Residuum	1,671	—	2,639	—	343	4,653	166
Motor Gasoline Blend.Comp. (MGBC)	11,790	410	1,685	12	406	14,303	511
Reformulated - RBOB	6,232	—	—	—	—	6,232	223
Conventional	5,558	410	1,685	12	406	8,071	288
CBOB	675	124	—	—	359	1,158	41
GTAB	1,575	—	—	—	—	1,575	56
Other	3,308	286	1,685	12	47	5,338	191
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	10,339	687	5,730	44	4,883	21,683	774
Finished Motor Gasoline	812	—	—	—	195	1,007	36
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	812	—	—	—	195	1,007	36
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	812	—	—	—	195	1,007	36
Finished Aviation Gasoline	1	—	—	—	—	1	0
Kerosene-Type Jet Fuel	1,591	5	—	—	2,533	4,129	147
Bonded Aircraft Fuel	234	—	—	—	315	549	20
Other	1,357	5	—	—	2,218	3,580	128
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	4,854	14	220	8	468	5,564	199
15 ppm sulfur and under	3,209	14	—	8	441	3,672	131
Bonded	—	—	—	—	—	—	—
Other	3,209	14	—	8	441	3,672	131
Greater than 15 ppm to 500 ppm sulfur	35	—	—	—	—	35	1
Bonded	—	—	—	—	—	—	—
Other	35	—	—	—	—	35	1
Greater than 500 ppm to 2000 ppm sulfur	1,610	—	220	—	27	1,857	66
Bonded	—	—	—	—	—	—	—
Other	1,610	—	220	—	27	1,857	66
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	2,362	95	2,443	—	1,407	6,307	225
Less than 0.31 percent sulfur	—	—	125	—	—	125	4
0.31 to 1.00 percent sulfur	200	11	—	—	—	211	8
Greater than 1.00 percent sulfur	2,162	84	2,318	—	1,407	5,971	213
Petrochemical Feedstocks	—	152	1,390	—	37	1,579	56
Naphtha for Petro. Feed. Use	—	77	901	—	37	1,015	36
Other Oils for Petro. Feed. Use	—	75	489	—	—	564	20
Special Naphthas	—	36	466	—	—	502	18
Lubricants	146	176	900	—	4	1,226	44
Waxes	46	3	52	—	67	168	6
Petroleum Coke (Marketable)	1	26	259	—	32	318	11
Asphalt and Road Oil	526	180	—	35	140	881	31
Miscellaneous Products	—	—	—	1	—	1	0
Total	47,539	75,550	110,311	8,157	39,914	281,471	10,053

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-February 2017
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	50,098	151,770	200,265	17,654	62,616	482,403	8,176
Natural Gas Plant Liquids and Liquefied Refinery Gases	4,729	6,640	1,012	1,077	2,409	15,867	269
Pentanes Plus	—	7	960	—	—	967	16
Liquefied Petroleum Gases	4,729	6,633	52	1,077	2,409	14,900	253
Ethane	—	—	—	—	—	—	—
Ethylene	—	—	—	—	—	—	—
Propane	3,794	5,114	14	1,034	2,032	11,988	203
Propylene	719	792	—	—	—	1,511	26
Normal Butane	34	207	—	31	337	609	10
Butylene	—	171	38	—	—	209	4
Isobutane	182	349	—	12	40	583	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	35,977	895	27,721	29	8,027	72,649	1,231
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	639	48	1,622	11	643	2,963	50
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	804	—	—	804	14
Methyl Tertiary Butyl Ether (MTBE)	—	—	604	—	—	604	10
Other Oxygenates ³	—	—	200	—	—	200	3
Renewable Fuels (including Fuel Ethanol)	638	18	771	11	643	2,081	35
Fuel Ethanol	—	—	771	—	—	771	13
Biomass-Based Diesel Fuel	638	18	—	11	123	790	13
Other Renewable Diesel Fuel	—	—	—	—	520	520	9
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1	30	47	—	—	78	1
Unfinished Oils ¹	6,994	—	22,861	—	6,551	36,406	617
Naphthas and Lighter	1,172	—	364	—	241	1,777	30
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	3,767	—	15,937	—	5,141	24,845	421
Residuum	2,055	—	6,560	—	1,169	9,784	166
Motor Gasoline Blend.Comp. (MGBC)	28,344	847	3,238	18	833	33,280	564
Reformulated - RBOB	12,713	—	—	—	—	12,713	215
Conventional	15,631	847	3,238	18	833	20,567	349
CBOB	1,399	189	—	—	778	2,366	40
GTAB	4,305	—	142	—	—	4,447	75
Other	9,927	658	3,096	18	55	13,754	233
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	21,656	1,514	9,404	121	9,491	42,186	715
Finished Motor Gasoline	1,677	—	—	—	364	2,041	35
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,677	—	—	—	364	2,041	35
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,677	—	—	—	364	2,041	35
Finished Aviation Gasoline	2	1	—	—	—	3	0
Kerosene-Type Jet Fuel	3,185	5	—	8	5,282	8,480	144
Bonded Aircraft Fuel	421	—	—	—	1,895	2,316	39
Other	2,764	5	—	8	3,387	6,164	104
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	10,726	115	411	18	622	11,892	202
15 ppm sulfur and under	7,556	104	—	18	586	8,264	140
Bonded	—	—	—	—	—	—	—
Other	7,556	104	—	18	586	8,264	140
Greater than 15 ppm to 500 ppm sulfur	77	—	—	—	—	77	1
Bonded	—	—	—	—	—	—	—
Other	77	—	—	—	—	77	1
Greater than 500 ppm to 2000 ppm sulfur	3,093	—	220	—	36	3,349	57
Bonded	—	—	—	—	—	—	—
Other	3,093	—	220	—	36	3,349	57
Greater than 2000 ppm	—	11	191	—	—	202	3
Bonded	—	—	—	—	—	—	—
Other	—	11	191	—	—	202	3
Residual Fuel Oil	4,847	220	3,900	—	2,793	11,760	199
Less than 0.31 percent sulfur	—	—	375	—	—	375	6
0.31 to 1.00 percent sulfur	436	42	—	—	—	478	8
Greater than 1.00 percent sulfur	4,411	178	3,525	—	2,793	10,907	185
Petrochemical Feedstocks	—	315	1,836	—	74	2,225	38
Naphtha for Petro. Feed. Use	—	159	1,334	—	74	1,567	27
Other Oils for Petro. Feed. Use	—	156	502	—	—	658	11
Special Naphthas	—	70	943	—	—	1,013	17
Lubricants	273	378	1,837	—	26	2,514	43
Waxes	104	8	63	—	74	249	4
Petroleum Coke (Marketable)	4	41	414	—	55	514	9
Asphalt and Road Oil	838	361	—	93	201	1,493	25
Miscellaneous Products	—	—	—	2	—	2	0
Total	112,460	160,819	238,402	18,881	82,543	613,105	10,392

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	88,951	—	—	4,828	—	—	—	—	928	928
Algeria	2,097	—	—	4,458	—	—	—	—	—	—
Angola	1,267	—	—	370	—	—	—	—	150	150
Ecuador	3,958	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	11,557	—	—	—	—	—	—	—	—	—
Kuwait	7,017	—	—	—	—	—	—	—	—	—
Libya	616	—	—	—	—	—	—	—	—	—
Nigeria	5,959	—	—	—	—	—	—	—	279	279
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	37,476	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	19,004	—	—	—	—	—	—	—	499	499
Non-OPEC	131,955	332	6,748	11,072	—	1,007	1,007	6,232	7,143	13,375
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	994	—	95	95	—	149	149
Brazil	6,558	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	98,090	2	6,358	537	—	436	436	2,871	2,704	5,575
Chad	902	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	10,359	—	—	—	—	—	—	—	241	241
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	112	112
France	—	—	—	—	—	—	—	899	65	964
Germany	—	—	—	—	—	107	107	—	32	32
Guatemala	532	—	—	—	—	—	—	—	—	—
India	—	—	—	265	—	—	—	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	337	337
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	691	691
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	14,457	—	38	—	—	—	—	—	—	—
Netherlands	—	—	—	785	—	23	23	329	915	1,244
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	300	—	—	—	—	340	340
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	95	95	—	593	593
Russia	699	—	—	7,250	—	30	30	—	322	322
Spain	—	—	—	—	—	—	—	—	380	380
Sweden	—	—	274	—	—	—	—	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	78	—	—	—	—	—	—	—
United Kingdom	—	—	—	29	—	221	221	2,133	258	2,391
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	159	—	—	—	—	—	—	—	—	—
Other	199	330	0	912	—	0	0	0	0	0
Total	220,906	332	6,748	15,900	—	1,007	1,007	6,232	8,071	14,303
Persian Gulf³	56,050	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	253	133	377	549	247	—	3,672	35	1,857	—	5,564
Argentina	40	—	—	436	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	41	133	377	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	113	—	—	2,003	35	1,637	—	3,675
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	183	—	—	—	183
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	1,486	—	—	—	1,486
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	172	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	220	—	220
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	247	—	0	0	0	—	0
Total	253	133	377	549	247	—	3,672	35	1,857	—	5,564
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	397	—	125	—	965	1,090
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	397	—	125	—	965	1,090
Non-OPEC	—	1	—	3,732	502	—	211	5,006	5,217
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	361	140	—	11	720	731
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	100	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	236	236
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	41	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	152	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	166	166
Korea, South	—	—	—	2,804	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	300	—	—	1,918	1,918
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	379	379
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	270	270
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	643	643
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	315	21	0	200	674	874
Total	—	1	—	4,129	502	125	211	5,971	6,307
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	32	243	—	7,518	96,469	3,177	269	3,445
Algeria	—	—	—	—	—	—	—	4,458	6,555	75	159	234
Angola	—	—	—	—	—	—	—	520	1,787	45	19	64
Ecuador	—	—	—	—	—	—	—	—	3,958	141	—	141
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	11,557	413	—	413
Kuwait	—	—	—	—	—	—	—	—	7,017	251	—	251
Libya	—	—	—	—	—	—	—	—	616	22	—	22
Nigeria	—	—	—	—	—	—	—	279	6,238	213	10	223
Qatar	—	—	—	—	—	243	—	243	243	—	9	9
Saudi Arabia	—	—	—	—	—	—	—	—	37,476	1,338	—	1,338
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	32	—	—	2,018	21,022	679	72	751
Non-OPEC	1,015	564	168	318	849	983	1	53,047	185,002	4,713	1,895	6,607
Argentina	—	148	—	259	—	1	—	884	884	—	32	32
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	62	—	62	62	—	2	2
Belgium	—	—	—	—	—	4	—	1,242	1,242	—	44	44
Brazil	—	—	—	—	—	—	—	551	7,109	234	20	254
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	77	75	46	58	516	296	1	19,001	117,091	3,503	679	4,182
Chad	—	—	—	—	—	—	—	—	902	32	—	32
China	—	—	70	—	—	—	—	170	170	—	6	6
Colombia	219	—	—	—	—	—	—	879	11,238	370	31	401
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	112	112	—	4	4
France	—	16	—	—	—	3	—	1,024	1,024	—	37	37
Germany	—	—	—	—	—	92	—	239	239	—	9	9
Guatemala	—	—	—	—	—	—	—	—	532	19	—	19
India	—	—	—	—	—	—	—	1,904	1,904	—	68	68
Indonesia	—	—	—	—	—	76	—	76	76	—	3	3
Italy	—	—	—	—	—	53	—	558	558	—	20	20
Korea, South	—	—	—	—	—	351	—	3,155	3,155	—	113	113
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	691	691	—	25	25
Malaysia	—	—	27	—	70	—	—	97	97	—	3	3
Mexico	293	—	—	—	—	—	—	2,549	17,006	516	91	607
Netherlands	27	—	—	—	—	—	—	2,273	2,273	—	81	81
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	325	—	—	—	—	—	965	965	—	34	34
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	688	688	—	25	25
Russia	—	—	—	—	—	18	—	8,220	8,919	25	294	319
Spain	—	—	—	—	263	—	—	643	643	—	23	23
Sweden	—	—	—	1	—	—	—	548	548	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	721	721	—	26	26
United Kingdom	22	—	—	—	—	27	—	2,690	2,690	—	96	96
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	159	6	—	6
Other	377	0	25	0	0	0	0	3,105	3,304	8	109	116
Total	1,015	564	168	318	881	1,226	1	60,565	281,471	7,890	2,163	10,053
Persian Gulf³	—	—	—	—	—	305	—	305	56,355	2,002	11	2,013

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	199,904	—	—	9,148	—	—	—	—	1,981	1,981
Algeria	5,748	—	—	8,013	—	—	—	—	—	—
Angola	4,506	—	—	740	—	—	—	—	201	201
Ecuador	11,629	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	30,843	—	—	—	—	—	—	—	—	—
Kuwait	10,282	—	—	—	—	—	—	—	—	—
Libya	1,197	—	—	395	—	—	—	—	—	—
Nigeria	15,737	—	—	—	—	—	—	—	794	794
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	79,127	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	40,835	—	—	—	—	—	—	—	986	986
Non-OPEC	282,499	967	14,900	27,258	—	2,041	2,041	12,713	18,586	31,299
Argentina	—	—	—	—	—	—	—	—	142	142
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	2,132	—	95	95	—	1,202	1,202
Brazil	12,596	—	—	245	—	—	—	—	14	14
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	26	—	—	—	—	—	—
Canada	207,368	7	14,194	1,628	—	1,059	1,059	6,143	5,114	11,257
Chad	1,853	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	20,050	—	—	—	—	—	—	—	831	831
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	45	—	—	—	—	45	45
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	151	151
France	—	—	—	269	—	—	—	1,479	164	1,643
Germany	—	—	—	87	—	107	107	—	32	32
Guatemala	809	—	—	—	—	—	—	—	—	—
India	—	—	—	397	—	—	—	—	1,118	1,118
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	571	571
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	691	691
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	34,143	300	38	—	—	—	—	—	302	302
Netherlands	—	—	—	1,522	—	23	23	714	1,489	2,203
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	2,049	—	—	866	—	—	—	667	1,201	1,868
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	95	95	—	881	881
Russia	699	—	—	16,344	—	30	30	179	1,688	1,867
Spain	—	—	—	264	—	35	35	86	1,121	1,207
Sweden	—	—	511	241	—	—	—	—	577	577
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	157	—	—	—	—	—	—	—
United Kingdom	1,578	—	—	231	—	597	597	3,445	958	4,403
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	159	—	—	—	—	—	—	—	—	—
Other	1,195	660	0	2,961	—	0	0	0	294	294
Total	482,403	967	14,900	36,406	—	2,041	2,041	12,713	20,567	33,280
Persian Gulf³	120,252	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	—	—	—	—	—	—	—	—	69	—	69
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	69	—	69
Non-OPEC	604	200	771	790	520	—	8,264	77	3,280	202	11,823
Argentina	40	—	—	581	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	26	—	—	—	—	—	—	—	—	—	—
Brazil	41	200	771	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	209	—	—	5,961	77	2,929	11	8,978
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	183	—	—	—	183
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	115	115
Germany	33	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	2,120	—	—	—	2,120
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	100	—	100
Netherlands	464	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	220	76	296
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	31	—	31
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	520	—	0	0	0	0	0
Total	604	200	771	790	520	—	8,264	77	3,349	202	11,892
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	639	37	375	—	1,265	1,640
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	8	37	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	631	—	375	—	1,265	1,640
Non-OPEC	—	3	—	7,841	976	—	478	9,642	10,120
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	20	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	3	—	749	256	—	42	1,858	1,900
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	1,296	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	652	652
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	41	—	—	—	—
Germany	—	—	—	—	36	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	567	—	—	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	166	166
Korea, South	—	—	—	4,256	103	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	300	—	—	3,876	3,876
Netherlands	—	—	—	—	14	—	—	261	261
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	14	—	—	—	—
Russia	—	—	—	32	—	—	49	379	428
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	270	270
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	965	965
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	941	192	0	387	1,214	1,601
Total	—	3	—	8,480	1,013	375	478	10,907	11,760
Persian Gulf³	—	—	—	8	37	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	88	541	—	14,143	214,047	3,388	240	3,628
Algeria	—	—	—	—	—	—	—	8,013	13,761	97	136	233
Angola	—	—	—	—	—	—	—	941	5,447	76	16	92
Ecuador	—	—	—	—	—	—	—	—	11,629	197	—	197
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	30,843	523	—	523
Kuwait	—	—	—	—	—	—	—	—	10,282	174	—	174
Libya	—	—	—	—	—	—	—	395	1,592	20	7	27
Nigeria	—	—	—	—	—	—	—	794	16,531	267	13	280
Qatar	—	—	—	—	—	541	—	541	541	—	9	9
Saudi Arabia	—	—	—	—	—	—	—	45	79,172	1,341	1	1,342
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	88	—	—	3,414	44,249	692	58	750
Non-OPEC	1,567	658	249	514	1,405	1,973	2	116,559	399,058	4,788	1,976	6,764
Argentina	—	148	—	259	—	2	—	1,172	1,172	—	20	20
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	155	—	155	155	—	3	3
Belgium	—	—	—	—	—	7	—	3,462	3,462	—	59	59
Brazil	—	—	—	—	—	—	—	1,291	13,887	213	22	235
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	26	26	—	0	0
Canada	159	156	102	94	1,072	618	2	42,473	249,841	3,515	720	4,235
Chad	—	—	—	—	—	—	—	—	1,853	31	—	31
China	—	—	79	—	—	—	—	1,375	1,375	—	23	23
Colombia	219	—	—	—	—	—	—	1,885	21,935	340	32	372
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	90	90	—	2	2
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	151	151	—	3	3
France	—	29	—	—	—	28	—	2,125	2,125	—	36	36
Germany	—	—	—	—	—	141	—	444	444	—	8	8
Guatemala	—	—	—	—	—	—	—	—	809	14	—	14
India	—	—	—	—	—	—	—	4,203	4,203	—	71	71
Indonesia	—	—	—	—	—	150	—	150	150	—	3	3
Italy	—	—	—	—	—	57	—	797	797	—	14	14
Korea, South	—	—	—	—	—	732	—	5,091	5,091	—	86	86
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	691	691	—	12	12
Malaysia	—	—	39	—	70	—	—	109	109	—	2	2
Mexico	580	—	—	—	—	—	—	5,496	39,639	579	93	672
Netherlands	96	—	—	—	—	—	—	4,612	4,612	—	78	78
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	325	—	—	—	—	—	3,059	5,108	35	52	87
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	990	990	—	17	17
Russia	—	—	—	—	—	18	—	19,016	19,715	12	322	334
Spain	—	—	2	—	263	—	—	1,771	1,771	—	30	30
Sweden	—	—	—	4	—	—	—	1,603	1,603	—	27	27
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,153	1,153	—	20	20
United Kingdom	53	—	—	155	—	36	—	5,475	7,053	27	93	120
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	159	3	—	3
Other	460	0	27	2	0	29	0	7,694	8,889	19	128	147
Total	1,567	658	249	514	1,493	2,514	2	130,702	613,105	8,176	2,215	10,392
Persian Gulf³	—	—	—	—	—	696	—	741	120,993	2,038	13	2,051

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,721	—	—	1,671	—	—	—	—	699	699
Algeria	1,045	—	—	1,671	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	150	150
Ecuador	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	1,536	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	5,338	—	—	—	—	—	—	—	279	279
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	2,633	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	1,169	—	—	—	—	—	—	—	270	270
Non-OPEC	7,460	—	2,120	1,982	—	812	812	6,232	4,859	11,091
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	357	—	95	95	—	149	149
Brazil	2,684	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	3,876	—	1,846	194	—	241	241	2,871	1,805	4,676
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	900	—	—	—	—	—	—	—	206	206
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	112	112
France	—	—	—	—	—	—	—	899	65	964
Germany	—	—	—	—	—	107	107	—	32	32
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	337	337
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	376	376
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	23	23	329	260	589
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	340	340
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	95	95	—	593	593
Russia	—	—	—	1,402	—	30	30	—	322	322
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	274	—	—	—	—	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	29	—	221	221	2,133	258	2,391
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	0	0	0	0	0
Total	19,181	—	2,120	3,653	—	812	812	6,232	5,558	11,790
Persian Gulf³	4,169	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	455	-	-	3,209	35	1,610	-	4,854
Argentina	-	-	-	436	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	19	-	-	1,540	35	1,610	-	3,185
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	183	-	-	-	183
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	1,486	-	-	-	1,486
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	0	-	0
Total	-	-	-	455	-	-	3,209	35	1,610	-	4,854
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	392	—	—	—	539	539
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	392	—	—	—	539	539
Non-OPEC	—	1	—	1,199	—	—	200	1,623	1,823
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	361	—	—	—	474	474
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	236	236
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	152	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	686	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	270	270
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	643	643
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	0	—	—	200	0	200
Total	—	1	—	1,591	—	—	200	2,162	2,362
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	32	—	—	3,333	15,054	419	119	538
Algeria	—	—	—	—	—	—	—	1,671	2,716	37	60	97
Angola	—	—	—	—	—	—	—	150	150	—	5	5
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,536	55	—	55
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	279	5,617	191	10	201
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	2,633	94	—	94
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	32	—	—	1,233	2,402	42	44	86
Non-OPEC	—	—	46	1	494	146	—	25,025	32,485	266	894	1,160
Argentina	—	—	—	—	—	—	—	436	436	—	16	16
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	602	602	—	22	22
Brazil	—	—	—	—	—	—	—	—	2,684	96	—	96
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	43	1	231	116	—	11,388	15,264	138	407	545
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	—	—	—	—	—	625	1,525	32	22	54
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	112	112	—	4	4
France	—	—	—	—	—	3	—	967	967	—	35	35
Germany	—	—	—	—	—	7	—	146	146	—	5	5
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	1,639	1,639	—	59	59
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	1	—	338	338	—	12	12
Korea, South	—	—	—	—	—	—	—	686	686	—	25	25
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	376	376	—	13	13
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	612	612	—	22	22
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	340	340	—	12	12
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	688	688	—	25	25
Russia	—	—	—	—	—	18	—	1,773	1,773	—	63	63
Spain	—	—	—	—	263	—	—	263	263	—	9	9
Sweden	—	—	—	—	—	—	—	547	547	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	643	643	—	23	23
United Kingdom	—	—	—	—	—	—	—	2,641	2,641	—	94	94
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	1	0	0	0	—	201	201	0	6	6
Total	—	—	46	1	526	146	—	28,358	47,539	685	1,013	1,698
Persian Gulf³	—	—	—	—	—	—	—	—	4,169	149	—	149

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	878	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	878	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	70,579	2	2,975	-	-	-	-	-	410	410
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	70,579	2	2,975	-	-	-	-	-	410	410
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	71,457	2	2,975	-	-	-	-	-	410	410
Persian Gulf³	878	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	16	—	—	14	—	—	—	14
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	16	—	—	14	—	—	—	14
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	—	0	—	—	—	0
Total	—	—	—	16	—	—	14	—	—	—	14
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	5	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5	—	—	—	—	—
Non-OPEC	—	—	—	—	36	—	11	84	95
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	36	—	11	84	95
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	0	—	0	0	0
Total	—	—	—	5	36	—	11	84	95
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	5	883	31	0	32
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	878	31	—	31
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	5	5	—	0	0
Non-OPEC	77	75	3	26	180	176	—	4,088	74,667	2,521	146	2,667
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	77	75	3	25	180	176	—	4,087	74,666	2,521	146	2,667
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	1	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	0	—	0	0	0	0	0
Total	77	75	3	26	180	176	—	4,093	75,550	2,552	146	2,698
Persian Gulf³	—	—	—	—	—	—	—	—	878	31	—	31

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	59,436	—	—	2,784	—	—	—	—	229	229
Algeria	1,052	—	—	2,414	—	—	—	—	—	—
Angola	906	—	—	370	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	8,511	—	—	—	—	—	—	—	—	—
Kuwait	5,241	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	512	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	25,379	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	17,835	—	—	—	—	—	—	—	229	229
Non-OPEC	32,729	330	42	6,776	—	—	—	—	1,456	1,456
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	637	—	—	—	—	—	—
Brazil	2,504	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	9,701	—	4	—	—	—	—	—	71	71
Chad	902	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	4,983	—	—	—	—	—	—	—	35	35
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	532	—	—	—	—	—	—	—	—	—
India	—	—	—	265	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	315	315
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	14,107	—	38	—	—	—	—	—	—	—
Netherlands	—	—	—	785	—	—	—	—	655	655
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	300	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	4,218	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	380	380
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	330	0	571	—	—	—	—	0	0
Total	92,165	330	42	9,560	—	—	—	—	1,685	1,685
Persian Gulf³	39,131	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	253	133	377	—	—	—	—	—	220	—	220
Argentina	40	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	41	133	377	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	172	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	220	—	220
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	—	—	—	—	—	0	—	0
Total	253	133	377	—	—	—	—	—	220	—	220
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	125	—	426	551
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	125	—	426	551
Non-OPEC	—	—	—	—	466	—	—	1,892	1,892
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	104	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	41	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	300	—	—	1,513	1,513
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	379	379
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	21	0	—	0	0
Total	—	—	—	—	466	125	—	2,318	2,443
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	243	—	3,807	63,243	2,123	136	2,259
Algeria	—	—	—	—	—	—	—	2,414	3,466	38	86	124
Angola	—	—	—	—	—	—	—	370	1,276	32	13	46
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	8,511	304	—	304
Kuwait	—	—	—	—	—	—	—	—	5,241	187	—	187
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	512	18	—	18
Qatar	—	—	—	—	—	243	—	243	243	—	9	9
Saudi Arabia	—	—	—	—	—	—	—	—	25,379	906	—	906
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	780	18,615	637	28	665
Non-OPEC	901	489	52	259	—	657	—	14,339	47,068	1,169	512	1,681
Argentina	—	148	—	259	—	1	—	448	448	—	16	16
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	62	—	62	62	—	2	2
Belgium	—	—	—	—	—	3	—	640	640	—	23	23
Brazil	—	—	—	—	—	—	—	551	3,055	89	20	109
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	179	9,880	346	6	353
Chad	—	—	—	—	—	—	—	—	902	32	—	32
China	—	—	25	—	—	—	—	25	25	—	1	1
Colombia	219	—	—	—	—	—	—	254	5,237	178	9	187
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	16	—	—	—	—	—	57	57	—	2	2
Germany	—	—	—	—	—	85	—	93	93	—	3	3
Guatemala	—	—	—	—	—	—	—	—	532	19	—	19
India	—	—	—	—	—	—	—	265	265	—	9	9
Indonesia	—	—	—	—	—	76	—	76	76	—	3	3
Italy	—	—	—	—	—	52	—	54	54	—	2	2
Korea, South	—	—	—	—	—	351	—	351	351	—	13	13
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	315	315	—	11	11
Malaysia	—	—	27	—	—	—	—	27	27	—	1	1
Mexico	293	—	—	—	—	—	—	2,144	16,251	504	77	580
Netherlands	27	—	—	—	—	—	—	1,661	1,661	—	59	59
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	325	—	—	—	—	—	625	625	—	22	22
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	4,817	4,817	—	172	172
Spain	—	—	—	—	—	—	—	380	380	—	14	14
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	22	—	—	—	—	27	—	49	49	—	2	2
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	340	0	0	0	—	0	—	1,266	1,266	1	45	46
Total	901	489	52	259	—	900	—	18,146	110,311	3,292	648	3,940
Persian Gulf³	—	—	—	—	—	305	—	305	39,436	1,398	11	1,408

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,567	-	529	-	-	-	-	-	12	12
Canada	7,567	-	529	-	-	-	-	-	12	12
Other	0	-	0	-	-	-	-	-	0	0
Total	7,567	-	529	-	-	-	-	-	12	12
	PAD District 5									
OPEC	16,916	-	-	373	-	-	-	-	-	-
Algeria	-	-	-	373	-	-	-	-	-	-
Angola	361	-	-	-	-	-	-	-	-	-
Ecuador	3,958	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,510	-	-	-	-	-	-	-	-	-
Kuwait	1,776	-	-	-	-	-	-	-	-	-
Libya	616	-	-	-	-	-	-	-	-	-
Nigeria	109	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	8,586	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	13,620	-	1,082	2,314	-	195	195	-	406	406
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	1,370	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	6,367	-	1,004	343	-	195	195	-	406	406
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,476	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	350	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	341	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	1,057	-	78	1,630	-	0	0	-	0	0
Total	30,536	-	1,082	2,687	-	195	195	-	406	406
Persian Gulf ³	11,872	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	5	—	—	8	—	—	—	8
Canada	—	—	—	5	—	—	8	—	—	—	8
Other	—	—	—	0	—	—	0	—	—	—	0
Total	—	—	—	5	—	—	8	—	—	—	8
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	73	247	—	441	—	27	—	468
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	73	—	—	441	—	27	—	468
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	247	—	0	—	0	—	0
Total	—	—	—	73	247	—	441	—	27	—	468
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin			Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
Kerosene	Finished Aviation Gasoline								
	PAD District 4								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
	PAD District 5								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	2,533	-	-	-	1,407	1,407
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	162	162
China	-	-	-	100	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	315	-	-	-	-	-
Korea, South	-	-	-	2,118	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	405	405
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	298	298
Singapore	-	-	-	-	-	-	-	93	93
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	-	449	449
Total	-	-	-	2,533	-	-	-	1,407	1,407
Persian Gulf ³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	35	—	1	590	8,157	270	21	291
Canada	—	—	—	—	35	—	1	590	8,157	270	21	291
Other	—	—	—	—	0	—	0	0	0	0	0	0
Total	—	—	—	—	35	—	1	590	8,157	270	21	291
	PAD District 5											
OPEC	—	—	—	—	—	—	—	373	17,289	604	13	617
Algeria	—	—	—	—	—	—	—	373	373	—	13	13
Angola	—	—	—	—	—	—	—	—	361	13	—	13
Ecuador	—	—	—	—	—	—	—	—	3,958	141	—	141
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,510	54	—	54
Kuwait	—	—	—	—	—	—	—	—	1,776	63	—	63
Libya	—	—	—	—	—	—	—	—	616	22	—	22
Nigeria	—	—	—	—	—	—	—	—	109	4	—	4
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	8,586	307	—	307
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	37	—	67	32	140	4	—	9,005	22,625	486	322	808
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	1,370	49	—	49
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	32	70	4	—	2,757	9,124	227	98	326
China	—	—	43	—	—	—	—	143	143	—	5	5
Colombia	—	—	—	—	—	—	—	—	4,476	160	—	160
Finland	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	24	—	—	—	—	339	339	—	12	12
Korea, South	—	—	—	—	—	—	—	2,118	2,118	—	76	76
Malaysia	—	—	—	—	70	—	—	70	70	—	3	3
Mexico	—	—	—	—	—	—	—	405	755	13	14	27
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	639	639	—	23	23
Singapore	—	—	—	—	—	—	—	340	340	—	12	12
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Taiwan	37	—	—	—	—	—	—	37	37	—	1	1
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	0	0	—	2,157	3,214	37	78	114
Total	37	—	67	32	140	4	—	9,378	39,914	1,091	335	1,426
Persian Gulf ³	—	—	—	—	—	—	—	—	11,872	424	—	424

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	29,293	—	—	2,456	—	—	—	—	1,752	1,752
Algeria	3,631	—	—	2,456	—	—	—	—	—	—
Angola	2,242	—	—	—	—	—	—	—	201	201
Ecuador	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	3,534	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	12,141	—	—	—	—	—	—	—	794	794
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	5,266	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	2,479	—	—	—	—	—	—	—	757	757
Non-OPEC	20,805	—	4,729	4,538	—	1,677	1,677	12,713	13,879	26,592
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	714	—	95	95	—	545	545
Brazil	3,688	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	10,996	—	4,218	194	—	695	695	6,143	3,345	9,488
Chad	951	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	2,435	—	—	—	—	—	—	—	603	603
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	45	45
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	151	151
France	—	—	—	—	—	—	—	1,479	164	1,643
Germany	—	—	—	—	—	107	107	—	32	32
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	1,118	1,118
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	571	571
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	376	376
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	198	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	346	—	23	23	714	834	1,548
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	2,049	—	—	—	—	—	—	667	1,201	1,868
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	95	95	—	881	881
Russia	—	—	—	2,120	—	30	30	179	1,688	1,867
Spain	—	—	—	264	—	35	35	86	535	621
Sweden	—	—	511	167	—	—	—	—	577	577
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	488	—	—	186	—	597	597	3,445	919	4,364
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	547	—	0	0	0	294	294
Total	50,098	—	4,729	6,994	—	1,677	1,677	12,713	15,631	28,344
Persian Gulf³	8,800	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	69	—	69
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	69	—	69
Non-OPEC	—	—	—	638	—	—	7,556	77	3,024	—	10,657
Argentina	—	—	—	581	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	57	—	—	5,253	77	2,893	—	8,223
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	183	—	—	—	183
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	2,120	—	—	—	2,120
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	100	—	100
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	31	—	31
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	—	0	0	0	—	0
Total	—	—	—	638	—	—	7,556	77	3,093	—	10,726
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	625	—	—	—	574	574
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	625	—	—	—	574	574
Non-OPEC	—	2	—	2,560	—	—	436	3,837	4,273
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	2	—	749	—	—	—	1,152	1,152
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	262	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	652	652
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	567	—	—	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	982	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	477	477
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	49	—	49
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	270	270
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	965	965
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	0	—	—	387	320	707
Total	—	2	—	3,185	—	—	436	4,411	4,847
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	88	—	—	5,564	34,857	496	94	591
Algeria	—	—	—	—	—	—	—	2,456	6,087	62	42	103
Angola	—	—	—	—	—	—	—	201	2,443	38	3	41
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	3,534	60	—	60
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	794	12,935	206	13	219
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	5,266	89	—	89
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	88	—	—	2,113	4,592	42	36	78
Non-OPEC	—	—	104	4	750	273	—	56,798	77,603	353	963	1,315
Argentina	—	—	—	—	—	—	—	581	581	—	10	10
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	1,355	1,355	—	23	23
Brazil	—	—	—	—	—	—	—	—	3,688	63	—	63
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	94	2	487	231	—	25,592	36,588	186	434	620
Chad	—	—	—	—	—	—	—	—	951	16	—	16
China	—	—	6	—	—	—	—	268	268	—	5	5
Colombia	—	—	—	—	—	—	—	1,438	3,873	41	24	66
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	45	45	—	1	1
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	151	151	—	3	3
France	—	—	—	—	—	9	—	1,652	1,652	—	28	28
Germany	—	—	—	—	—	13	—	152	152	—	3	3
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	3,806	3,806	—	65	65
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	1	—	572	572	—	10	10
Korea, South	—	—	—	—	—	—	—	982	982	—	17	17
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	376	376	—	6	6
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	577	775	3	10	13
Netherlands	—	—	—	—	—	—	—	1,917	1,917	—	32	32
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	1,868	3,917	35	32	66
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	976	976	—	17	17
Russia	—	—	—	—	—	18	—	4,085	4,085	—	69	69
Spain	—	—	2	—	263	—	—	1,185	1,185	—	20	20
Sweden	—	—	—	—	—	—	—	1,525	1,525	—	26	26
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	996	996	—	17	17
United Kingdom	—	—	—	—	—	—	—	5,147	5,635	8	87	96
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	2	2	0	0	—	1,552	1,552	1	24	23
Total	—	—	104	4	838	273	—	62,362	112,460	849	1,057	1,906
Persian Gulf³	—	—	—	—	—	—	—	—	8,800	149	—	149

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	5,820	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,769	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	51	-	-	-	-	-	-	-	-	-
Non-OPEC	145,950	7	6,633	-	-	-	-	-	847	847
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	145,950	7	6,633	-	-	-	-	-	847	847
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	151,770	7	6,633	-	-	-	-	-	847	847
Persian Gulf³	5,769	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	18	—	—	104	—	—	11	115
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	18	—	—	104	—	—	11	115
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	—	0	—	—	0	0
Total	—	—	—	18	—	—	104	—	—	11	115
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	5	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5	—	—	—	—	—
Non-OPEC	—	1	—	—	70	—	42	178	220
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	—	70	—	42	178	220
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	—	0	0	—	0	0	0
Total	—	1	—	5	70	—	42	178	220
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	5	5,825	99	0	99
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	5,769	98	—	98
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	5	56	1	0	1
Non-OPEC	159	156	8	41	361	378	—	9,044	154,994	2,474	153	2,627
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	159	156	8	37	361	378	—	9,040	154,990	2,474	153	2,627
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	4	—	—	—	4	4	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	0	—	0	0	0	0	0
Total	159	156	8	41	361	378	—	9,049	160,819	2,572	153	2,726
Persian Gulf³	—	—	—	—	—	—	—	—	5,769	98	—	98

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	128,876	—	—	5,547	—	—	—	—	229	229
Algeria	2,117	—	—	4,807	—	—	—	—	—	—
Angola	1,361	—	—	740	—	—	—	—	—	—
Ecuador	1,749	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	25,799	—	—	—	—	—	—	—	—	—
Kuwait	6,354	—	—	—	—	—	—	—	—	—
Libya	581	—	—	—	—	—	—	—	—	—
Nigeria	1,459	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	51,151	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	38,305	—	—	—	—	—	—	—	229	229
Non-OPEC	71,389	960	52	17,314	—	—	—	—	3,009	3,009
Argentina	—	—	—	—	—	—	—	—	142	142
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,418	—	—	—	—	657	657
Brazil	6,149	—	—	245	—	—	—	—	14	14
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	26	—	—	—	—	—	—
Canada	20,123	—	14	220	—	—	—	—	71	71
Chad	902	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	9,121	—	—	—	—	—	—	—	228	228
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	45	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	269	—	—	—	—	—	—
Germany	—	—	—	87	—	—	—	—	—	—
Guatemala	809	—	—	—	—	—	—	—	—	—
India	—	—	—	397	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	315	315
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	33,195	300	38	—	—	—	—	—	302	302
Netherlands	—	—	—	1,176	—	—	—	—	655	655
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	866	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	10,574	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	586	586
Sweden	—	—	—	74	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	1,090	—	—	45	—	—	—	—	39	39
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	660	0	1,872	—	—	—	—	0	0
Total	200,265	960	52	22,861	—	—	—	—	3,238	3,238
Persian Gulf³	83,304	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	604	200	771	—	—	—	—	—	220	191	411
Argentina	40	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	26	—	—	—	—	—	—	—	—	—	—
Brazil	41	200	771	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	115	115
Germany	33	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	464	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	220	76	296
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	—	—	—	—	—	0	0	0
Total	604	200	771	—	—	—	—	—	220	191	411
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	37	375	—	691	1,066
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	37	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	375	—	691	1,066
Non-OPEC	—	—	—	—	906	—	—	2,834	2,834
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	20	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	186	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	41	—	—	—	—
Germany	—	—	—	—	36	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	103	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	300	—	—	2,455	2,455
Netherlands	—	—	—	—	14	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	14	—	—	—	—
Russia	—	—	—	—	—	—	—	379	379
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	192	0	—	0	0
Total	—	—	—	—	943	375	—	3,525	3,900
Persian Gulf³	—	—	—	—	37	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	541	—	7,420	136,296	2,184	126	2,310
Algeria	—	—	—	—	—	—	—	4,807	6,924	36	81	117
Angola	—	—	—	—	—	—	—	740	2,101	23	13	36
Ecuador	—	—	—	—	—	—	—	—	1,749	30	—	30
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	25,799	437	—	437
Kuwait	—	—	—	—	—	—	—	—	6,354	108	—	108
Libya	—	—	—	—	—	—	—	—	581	10	—	10
Nigeria	—	—	—	—	—	—	—	—	1,459	25	—	25
Qatar	—	—	—	—	—	541	—	541	541	—	9	9
Saudi Arabia	—	—	—	—	—	—	—	37	51,188	867	1	868
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	1,295	39,600	649	22	671
Non-OPEC	1,334	502	63	414	—	1,296	—	30,717	102,106	1,210	521	1,731
Argentina	—	148	—	259	—	2	—	591	591	—	10	10
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	155	—	155	155	—	3	3
Belgium	—	—	—	—	—	6	—	2,107	2,107	—	36	36
Brazil	—	—	—	—	—	—	—	1,291	7,440	104	22	126
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	26	26	—	0	0
Canada	—	—	—	—	—	—	—	491	20,614	341	8	349
Chad	—	—	—	—	—	—	—	—	902	15	—	15
China	—	—	25	—	—	—	—	25	25	—	0	0
Colombia	219	—	—	—	—	—	—	447	9,568	155	8	162
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	45	45	—	1	1
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	29	—	—	—	19	—	473	473	—	8	8
Germany	—	—	—	—	—	128	—	292	292	—	5	5
Guatemala	—	—	—	—	—	—	—	—	809	14	—	14
India	—	—	—	—	—	—	—	397	397	—	7	7
Indonesia	—	—	—	—	—	150	—	150	150	—	3	3
Italy	—	—	—	—	—	56	—	59	59	—	1	1
Korea, South	—	—	—	—	—	716	—	819	819	—	14	14
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	315	315	—	5	5
Malaysia	—	—	38	—	—	—	—	38	38	—	1	1
Mexico	580	—	—	—	—	—	—	3,975	37,170	563	67	630
Netherlands	96	—	—	—	—	—	—	2,434	2,434	—	41	41
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	325	—	—	—	—	—	1,191	1,191	—	20	20
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	14	14	—	0	0
Russia	—	—	—	—	—	—	—	11,249	11,249	—	191	191
Spain	—	—	—	—	—	—	—	586	586	—	10	10
Sweden	—	—	—	—	—	—	—	74	74	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	53	—	—	155	—	36	—	328	1,418	18	6	24
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	386	0	0	0	—	28	—	3,145	3,145	0	53	54
Total	1,334	502	63	414	—	1,837	—	38,137	238,402	3,394	646	4,041
Persian Gulf³	—	—	—	—	—	696	—	733	84,037	1,412	12	1,424

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components			
					Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 4											
	OPEC	—	—	—	—	—	—	—	—	—	
	Algeria	—	—	—	—	—	—	—	—	—	
	Angola	—	—	—	—	—	—	—	—	—	
	Ecuador	—	—	—	—	—	—	—	—	—	
	Iran	—	—	—	—	—	—	—	—	—	
	Iraq	—	—	—	—	—	—	—	—	—	
	Kuwait	—	—	—	—	—	—	—	—	—	
	Libya	—	—	—	—	—	—	—	—	—	
	Nigeria	—	—	—	—	—	—	—	—	—	
	Qatar	—	—	—	—	—	—	—	—	—	
	Saudi Arabia	—	—	—	—	—	—	—	—	—	
	United Arab Emirates	—	—	—	—	—	—	—	—	—	
	Venezuela	—	—	—	—	—	—	—	—	—	
	Non-OPEC	17,654	—	1,077	—	—	—	—	18	18	
	Canada	17,654	—	1,077	—	—	—	—	18	18	
	Other	0	—	0	—	—	—	—	0	0	
	Total	17,654	—	1,077	—	—	—	—	18	18	
	PAD District 5										
		OPEC	35,915	—	—	1,145	—	—	—	—	—
		Algeria	—	—	—	750	—	—	—	—	—
		Angola	903	—	—	—	—	—	—	—	—
		Ecuador	9,880	—	—	—	—	—	—	—	—
		Iran	—	—	—	—	—	—	—	—	—
		Iraq	1,510	—	—	—	—	—	—	—	—
		Kuwait	3,928	—	—	—	—	—	—	—	—
		Libya	616	—	—	395	—	—	—	—	—
Nigeria		2,137	—	—	—	—	—	—	—	—	
Qatar		—	—	—	—	—	—	—	—	—	
Saudi Arabia		16,941	—	—	—	—	—	—	—	—	
United Arab Emirates		—	—	—	—	—	—	—	—	—	
Venezuela		—	—	—	—	—	—	—	—	—	
Non-OPEC		26,701	—	2,409	5,406	—	364	364	—	833	
Argentina		—	—	—	—	—	—	—	—	—	
Aruba		—	—	—	—	—	—	—	—	—	
Australia		—	—	—	—	—	—	—	—	—	
Brazil		2,759	—	—	—	—	—	—	—	—	
Brunei		—	—	—	—	—	—	—	—	—	
Canada		12,645	—	2,252	1,214	—	364	364	—	833	
China		—	—	—	—	—	—	—	—	—	
Colombia		8,494	—	—	—	—	—	—	—	—	
Finland		—	—	—	—	—	—	—	—	—	
Germany		—	—	—	—	—	—	—	—	—	
Indonesia		—	—	—	—	—	—	—	—	—	
Japan		—	—	—	—	—	—	—	—	—	
Korea, South	—	—	—	—	—	—	—	—	—		
Malaysia	—	—	—	—	—	—	—	—	—		
Mexico	750	—	—	—	—	—	—	—	—		
Netherlands	—	—	—	—	—	—	—	—	—		
Netherlands Antilles	—	—	—	—	—	—	—	—	—		
Oman	—	—	—	—	—	—	—	—	—		
Papua New Guinea	—	—	—	—	—	—	—	—	—		
Peru	—	—	—	542	—	—	—	—	—		
Singapore	—	—	—	—	—	—	—	—	—		
Sweden	—	—	—	—	—	—	—	—	—		
Taiwan	—	—	—	—	—	—	—	—	—		
United Kingdom	—	—	—	—	—	—	—	—	—		
Vietnam	—	—	—	—	—	—	—	—	—		
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—		
Other	2,053	—	157	3,650	—	0	0	—	0		
Total	62,616	—	2,409	6,551	—	364	364	—	833		
Persian Gulf ³	22,379	—	—	—	—	—	—	—	—		

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	11	-	-	18	-	-	-	18
Canada	-	-	-	11	-	-	18	-	-	-	18
Other	-	-	-	0	-	-	0	-	-	-	0
Total	-	-	-	11	-	-	18	-	-	-	18
	PAD District 5										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	123	520	-	586	-	36	-	622
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	123	-	-	586	-	36	-	622
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	520	-	0	-	0	-	0
Total	-	-	-	123	520	-	586	-	36	-	622
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	—	—	—	8	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	—	—	—	—
Total	—	—	—	8	—	—	—	—	—
	PAD District 5								
OPEC	—	—	—	1	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	1	—	—	—	—	—
Non-OPEC	—	—	—	5,281	—	—	—	2,793	2,793
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	528	528
China	—	—	—	1,034	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Japan	—	—	—	941	—	—	—	—	—
Korea, South	—	—	—	3,274	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	944	944
Netherlands	—	—	—	—	—	—	—	261	261
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	518	518
Singapore	—	—	—	—	—	—	—	93	93
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Other	—	—	—	32	—	—	—	449	449
Total	—	—	—	5,282	—	—	—	2,793	2,793
Persian Gulf ³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-February 2017
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	—	—	—	—	—	—	—	8	8	—	0	0
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	93	—	2	1,219	18,873	299	21	320
Canada	—	—	—	—	93	—	2	1,219	18,873	299	21	320
Other	—	—	—	—	0	—	0	0	0	0	0	0
Total	—	—	—	—	93	—	2	1,227	18,881	299	21	320
	PAD District 5											
OPEC	—	—	—	—	—	—	—	1,146	37,061	609	19	628
Algeria	—	—	—	—	—	—	—	750	750	—	13	13
Angola	—	—	—	—	—	—	—	—	903	15	—	15
Ecuador	—	—	—	—	—	—	—	—	9,880	167	—	167
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,510	26	—	26
Kuwait	—	—	—	—	—	—	—	—	3,928	67	—	67
Libya	—	—	—	—	—	—	—	395	1,011	10	7	17
Nigeria	—	—	—	—	—	—	—	—	2,137	36	—	36
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	16,941	287	—	287
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	1	1	—	0	0
Non-OPEC	74	—	74	55	201	26	—	18,781	45,482	453	318	771
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	2,759	47	—	47
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	55	131	9	—	6,131	18,776	214	104	318
China	—	—	48	—	—	—	—	1,082	1,082	—	18	18
Colombia	—	—	—	—	—	—	—	—	8,494	144	—	144
Finland	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	25	—	—	1	—	967	967	—	16	16
Korea, South	—	—	—	—	—	16	—	3,290	3,290	—	56	56
Malaysia	—	—	1	—	70	—	—	71	71	—	1	1
Mexico	—	—	—	—	—	—	—	944	1,694	13	16	29
Netherlands	—	—	—	—	—	—	—	261	261	—	4	4
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	1,060	1,060	—	18	18
Singapore	—	—	—	—	—	—	—	613	613	—	10	10
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Taiwan	74	—	—	—	—	—	—	74	74	—	1	1
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	0	0	—	4,288	6,341	35	74	109
Total	74	—	74	55	201	26	—	19,927	82,543	1,061	338	1,399
Persian Gulf ³	—	—	—	—	—	—	—	—	22,379	379	—	379

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, February 2017
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	610	6,185	24,411	43	–	31,249	1,116
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	5,935	3,132	28,328	504	971	38,870	1,388
Pentanes Plus	4,408	1,268	47	504	15	6,242	223
Liquefied Petroleum Gases	1,527	1,864	28,281	0	956	32,628	1,165
Ethane/Ethylene	787	1,678	1,314	–	0	3,780	135
Propane/Propylene	734	66	24,238	0	955	25,993	928
Normal Butane/Butylene	5	120	2,530	–	1	2,655	95
Isobutane/Isobutylene	1	–	199	–	–	200	7
Other Liquids	2,171	674	12,808	18	542	16,213	579
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	17	574	4,511	–	402	5,504	197
Hydrogen	–	–	–	–	–	–	–
Oxygenates (excluding Fuel Ethanol)	1	0	2,095	–	2	2,098	75
Methyl Tertiary Butyl Ether (MTBE)	0	0	1,130	–	–	1,130	40
Other Oxygenates	1	0	965	–	2	968	35
Renewable Fuels (including Fuel Ethanol) ...	16	574	2,417	–	401	3,407	122
Fuel Ethanol	10	573	2,377	–	389	3,349	120
Biomass-Based Diesel	6	0	39	–	12	57	2
Other Renewable Diesel	–	–	–	–	–	–	–
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	2,149	97	6,079	18	30	8,373	299
Naphthas and Lighter	2,136	92	3,799	18	27	6,071	217
Kerosene and Light Gas Oils	13	5	2,280	0	4	2,302	82
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	5	3	2,218	0	110	2,336	83
Reformulated	1	–	3	–	1	4	0
Conventional	5	3	2,216	0	109	2,332	83
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	6,670	1,269	75,395	33	10,693	94,060	3,359
Finished Motor Gasoline	896	52	17,579	–	1,517	20,045	716
Reformulated	–	–	–	–	–	–	–
Conventional	896	52	17,579	–	1,517	20,045	716
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	17	34	3,885	–	915	4,852	173
Kerosene	3	1	1	–	2	7	0
Distillate Fuel Oil	2,901	477	28,176	–	3,437	34,992	1,250
15 ppm sulfur and under	1,766	2	25,057	–	2,105	28,930	1,033
Greater than 15 ppm to 500 ppm sulfur	1,135	380	2,255	–	426	4,196	150
Greater than 500 ppm sulfur	–	95	864	–	906	1,865	67
Residual Fuel Oil	1,976	415	10,181	22	593	13,186	471
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	–	–	–	–	–
Special Naphthas	–	–	–	–	–	–	–
Lubricants	226	194	2,456	8	142	3,026	108
Waxes	58	19	32	0	5	115	4
Petroleum Coke	489	45	12,733	0	4,057	17,325	619
Asphalt and Road Oil	89	30	348	3	24	494	18
Miscellaneous Products	15	–	4	–	0	19	1
Total	15,386	11,259	140,942	598	12,207	180,392	6,443

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-February 2017
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	2,332	12,373	39,158	87	425	54,375	922
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	11,488	6,614	61,630	1,058	1,529	82,319	1,395
Pentanes Plus	7,871	2,597	93	1,044	35	11,640	197
Liquefied Petroleum Gases	3,618	4,017	61,537	14	1,493	70,679	1,198
Ethane/Ethylene	1,987	3,578	2,400	—	0	7,965	135
Propane/Propylene	1,575	176	55,073	0	1,492	58,316	988
Normal Butane/Butylene	54	263	3,751	14	1	4,083	69
Isobutane/Isobutylene	2	0	312	—	—	314	5
Other Liquids	4,040	2,642	24,168	38	1,586	32,474	550
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	31	1,173	8,533	0	753	10,490	178
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	2	1	4,133	—	3	4,139	70
Methyl Tertiary Butyl Ether (MTBE)	0	0	2,548	—	—	2,548	43
Other Oxygenates	2	1	1,585	—	3	1,592	27
Renewable Fuels (including Fuel Ethanol) ...	28	1,173	4,401	0	749	6,351	108
Fuel Ethanol	21	1,161	4,336	—	733	6,251	106
Biomass-Based Diesel	8	12	65	0	17	101	2
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils	3,998	1,465	10,563	38	197	16,261	276
Naphthas and Lighter	3,627	1,450	8,156	37	182	13,451	228
Kerosene and Light Gas Oils	371	16	2,407	0	15	2,809	48
Heavy Gas Oils	—	—	—	—	—	—	—
Residuum	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	12	3	5,072	0	637	5,723	97
Reformulated	1	—	13	—	1	15	0
Conventional	11	3	5,058	0	635	5,708	97
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	9,346	2,851	152,627	63	22,764	187,651	3,181
Finished Motor Gasoline	1,410	95	39,426	—	4,232	45,164	765
Reformulated	—	—	—	—	—	—	—
Conventional	1,410	95	39,426	—	4,232	45,164	765
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	46	774	7,637	—	1,801	10,258	174
Kerosene	4	1	51	—	6	62	1
Distillate Fuel Oil	3,382	802	58,862	—	7,385	70,431	1,194
15 ppm sulfur and under	2,246	3	51,402	—	4,637	58,287	988
Greater than 15 ppm to 500 ppm sulfur	1,135	618	6,036	—	559	8,349	142
Greater than 500 ppm sulfur	1	182	1,423	—	2,189	3,795	64
Residual Fuel Oil	2,680	593	15,758	39	1,072	20,142	341
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	—	—	—
Lubricants	377	335	5,908	18	241	6,879	117
Waxes	119	44	45	1	13	222	4
Petroleum Coke	1,103	89	24,164	0	7,970	33,327	565
Asphalt and Road Oil	193	116	655	5	43	1,011	17
Miscellaneous Products	31	0	123	—	0	154	3
Total	27,206	24,480	277,584	1,246	26,303	356,819	6,048

— = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, February 2017
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	0	0	—	—	—	—	—	—
Australia	—	—	578	0	—	1	1	—	—	—
Bahamas	—	1	24	100	—	302	302	0	0	0
Bahrain	—	—	—	—	—	—	—	1	—	1
Belgium	—	—	—	0	—	—	—	—	0	0
Belize	—	—	—	0	—	—	—	—	0	0
Brazil	—	12	151	333	—	1,201	1,201	—	163	163
Canada	6,838	6,176	1,940	1,985	—	168	168	—	109	109
Cayman Islands	—	—	—	—	—	0	0	—	—	—
Chile	—	—	800	15	—	347	347	—	—	—
China	9,575	3	4,943	545	—	6	6	—	—	—
Colombia	500	0	0	1,211	—	632	632	—	248	248
Costa Rica	—	—	135	9	—	746	746	—	0	0
Denmark	—	—	—	—	—	1	1	—	—	—
Dominican Republic	789	—	1,072	13	—	296	296	—	—	—
Ecuador	—	—	—	—	—	1,033	1,033	—	—	—
Egypt	—	—	556	0	—	—	—	—	—	—
El Salvador	—	—	219	2	—	265	265	—	0	0
Finland	—	—	—	—	—	—	—	—	—	—
France	878	13	—	306	—	—	—	—	0	0
Germany	—	—	—	7	—	—	—	—	—	—
Ghana	—	—	—	—	—	326	326	—	0	0
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	0	0	—	—	—
Guatemala	—	—	410	2	—	1,413	1,413	—	3	3
Honduras	—	—	417	1	—	245	245	—	88	88
Hong Kong	509	—	—	1	—	—	—	—	0	0
India	1,468	—	824	0	—	—	—	—	—	—
Indonesia	—	—	0	0	—	—	—	—	—	—
Ireland	—	—	—	—	—	1	1	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	1,718	—	235	0	—	—	—	—	—	—
Jamaica	—	0	—	—	—	202	202	—	—	—
Japan	1,301	—	4,910	4	—	0	0	1	0	1
Korea, South	1,198	—	3,518	12	—	0	0	0	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	18	3,767	327	—	8,372	8,372	3	1,340	1,343
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	375	4	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	1,875	17	1,949	1,885	—	90	90	—	33	33
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	0	—	—	—	—	—	—
Nicaragua	401	—	—	—	—	40	40	—	—	—
Nigeria	—	—	—	—	—	315	315	—	—	—
Norway	—	—	925	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	181	1	—	1,101	1,101	—	74	74
Peru	—	1	—	0	—	291	291	—	—	—
Philippines	—	—	—	0	—	—	—	—	—	—
Portugal	—	—	—	—	—	1	1	—	—	—
Puerto Rico	—	0	0	1	—	2	2	—	1	1
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	2	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	2,028	0	2,267	19	—	0	0	—	—	—
South Africa	—	—	0	0	—	299	299	—	—	—
Spain	—	—	269	0	—	—	—	—	238	238
Switzerland	—	—	0	0	—	—	—	—	—	—
Taiwan	—	—	0	455	—	0	0	—	1	1
Thailand	233	—	—	0	—	—	—	—	0	0
Trinidad and Tobago	—	0	—	10	—	0	0	—	—	—
Turkey	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	3	—	0	0	—	—	—
United Kingdom	876	—	766	0	—	0	0	0	—	0
Venezuela	—	—	250	950	—	891	891	—	29	29
Other	1,062	1	1,147	170	—	1,458	1,458	0	5	4
Total	31,249	6,242	32,628	8,373	—	20,045	20,045	4	2,332	2,336

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, February 2017
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	—	0	—	—	—	527	—	—	—	527
Australia	—	—	—	—	—	—	0	—	—	—	0
Bahamas	—	—	0	—	—	—	1	—	—	—	1
Bahrain	—	—	0	—	—	—	—	—	—	—	—
Belgium	—	0	0	—	—	—	205	278	—	—	483
Belize	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	1,209	—	—	—	4,667	563	—	—	5,230
Canada	—	0	590	12	—	—	2	543	151	—	696
Cayman Islands	—	—	—	—	—	—	30	—	—	—	30
Chile	261	—	0	—	—	—	2,229	—	—	—	2,229
China	0	0	0	—	—	—	1	—	—	—	1
Colombia	—	0	24	—	—	—	782	—	—	—	782
Costa Rica	—	0	0	—	—	—	596	—	—	—	596
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	116	—	—	—	116
Ecuador	—	0	—	—	—	—	836	526	—	—	1,362
Egypt	—	—	0	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	0	314	—	—	314
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	0	4	—	—	—	706	—	—	—	706
Germany	—	0	—	—	—	—	—	—	—	—	—
Ghana	—	0	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	50	810	315	—	1,175
Greece	—	—	1	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	645	244	—	—	889
Honduras	—	—	—	—	—	—	248	—	—	—	248
Hong Kong	—	0	0	—	—	—	1	—	—	—	1
India	—	—	578	—	—	—	—	—	—	—	—
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	—	0	—	—	—	—	—	—	—	—
Israel	—	0	0	—	—	—	—	—	—	—	—
Italy	—	0	—	1	—	—	—	—	—	—	—
Jamaica	—	—	74	—	—	—	0	—	—	—	0
Japan	—	964	0	—	—	—	—	—	—	—	—
Korea, South	—	0	38	—	—	—	1	—	—	—	1
Lebanon	—	—	—	—	—	—	0	—	—	—	0
Mexico	596	1	43	22	—	—	6,656	300	14	—	6,970
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	388	—	—	—	388
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	82	3	—	—	2,674	71	275	—	3,020
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	1	—	—	—	25	—	—	25
Nigeria	—	—	85	—	—	—	—	—	—	—	—
Norway	—	—	0	—	—	—	1	—	—	—	1
Pakistan	—	0	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	798	2	—	—	800
Peru	—	0	116	18	—	—	2,547	—	—	—	2,547
Philippines	—	—	168	—	—	—	—	0	—	—	0
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	62	—	—	—	—	1	—	—	1
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	0	—	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	32	0	—	—	0	—	850	—	850
South Africa	—	0	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	308	—	—	—	308
Switzerland	—	—	—	1	—	—	—	—	—	—	—
Taiwan	—	0	—	—	—	—	0	—	—	—	0
Thailand	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	0	—	—	—	0
Turkey	—	0	—	—	—	—	96	—	—	—	96
United Arab Emirates	—	—	241	—	—	—	0	—	—	—	0
United Kingdom	—	0	0	—	—	—	619	—	—	—	619
Venezuela	273	—	—	—	—	—	220	—	—	—	220
Other	—	2	2	0	—	—	2,980	519	260	—	3,760
Total	1,130	968	3,349	57	—	—	28,930	4,196	1,865	—	34,992

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, February 2017
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—
Bahamas	—	—	—	6	—	397	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	—	—	—	300	—	—	—	—
Canada	3	—	—	1,442	—	1,147	—	—
Cayman Islands	—	—	—	—	—	0	—	—
Chile	1	—	—	1	—	—	—	—
China	1	—	—	0	—	0	—	—
Colombia	—	—	—	100	—	0	—	—
Costa Rica	0	—	—	170	—	—	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	429	—	90	—	—
Ecuador	—	—	—	—	—	446	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	0	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	181	—	—
Greece	—	—	—	—	—	0	—	—
Guatemala	—	—	—	—	—	527	—	—
Honduras	0	—	—	71	—	267	—	—
Hong Kong	—	—	—	—	—	—	—	—
India	—	—	—	—	—	0	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	155	—	241	—	—
Japan	—	—	—	1	—	—	—	—
Korea, South	0	—	—	0	—	0	—	—
Lebanon	—	—	—	—	—	1,029	—	—
Mexico	0	—	—	1,000	—	1,688	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	307	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	—	—	300	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	404	—	502	—	—
Peru	0	—	—	96	—	—	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	0	—	—	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	0	—	—	0	—	5,201	—	—
South Africa	—	—	—	—	—	380	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	—	—	—	—
Trinidad and Tobago	0	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	0	—	—	—	—	300	—	—
United Kingdom	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	1	—	—	377	—	483	—	—
Total	7	—	—	4,852	—	13,186	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, February 2017
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	0	0	27	0	555	555	—	20	20
Australia	0	155	—	33	—	768	768	—	27	27
Bahamas	—	—	2	2	—	836	836	—	30	30
Bahrain	0	—	—	0	—	1	1	—	0	0
Belgium	0	289	0	134	1	907	907	—	32	32
Belize	—	—	—	1	—	2	2	—	0	0
Brazil	0	570	0	316	0	9,485	9,485	—	339	339
Canada	70	172	115	267	4	14,896	21,734	244	532	776
Cayman Islands	—	—	0	1	—	32	32	—	1	1
Chile	0	—	176	79	0	3,908	3,908	—	140	140
China	12	2,948	4	30	1	8,495	18,070	342	303	645
Colombia	0	0	0	93	0	3,091	3,591	18	110	128
Costa Rica	0	—	33	12	0	1,702	1,702	—	61	61
Denmark	—	—	—	1	—	1	1	—	0	0
Dominican Republic	0	—	85	21	—	2,123	2,912	28	76	104
Ecuador	0	174	0	49	—	3,066	3,066	—	109	109
Egypt	—	801	—	1	0	1,358	1,358	—	48	48
El Salvador	0	—	—	7	—	808	808	—	29	29
Finland	—	—	—	0	—	0	0	—	0	0
France	0	6	—	35	—	1,070	1,948	31	38	70
Germany	1	0	1	71	—	79	79	—	3	3
Ghana	—	—	—	0	—	326	326	—	12	12
Gibraltar	—	—	—	189	—	1,545	1,545	—	55	55
Greece	—	289	—	0	—	290	290	—	10	10
Guatemala	0	154	—	19	—	3,417	3,417	—	122	122
Honduras	0	242	—	13	—	1,594	1,594	—	57	57
Hong Kong	1	0	—	3	0	6	515	18	0	18
India	0	3,299	1	412	0	5,115	6,583	52	183	235
Indonesia	0	—	1	18	0	19	19	—	1	1
Ireland	—	—	—	0	—	1	1	—	0	0
Israel	0	285	—	2	0	287	287	—	10	10
Italy	0	—	—	0	0	237	1,955	61	8	70
Jamaica	—	—	0	16	0	688	688	—	25	25
Japan	1	1,339	0	34	4	7,258	8,558	46	259	306
Korea, South	0	1	41	51	0	3,663	4,861	43	131	174
Lebanon	0	—	—	3	—	1,032	1,032	—	37	37
Mexico	22	1,965	23	450	3	26,611	26,611	—	950	950
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	294	—	—	—	1,369	1,369	—	49	49
Mozambique	—	44	—	—	—	44	44	—	2	2
Netherlands	1	410	1	139	3	7,933	9,808	67	283	350
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	—	0	1	—	1	1	—	0	0
Nicaragua	—	—	0	5	—	71	472	14	3	17
Nigeria	—	—	—	1	—	402	402	—	14	14
Norway	—	109	—	1	—	1,036	1,036	—	37	37
Pakistan	—	0	0	1	—	1	1	—	0	0
Panama	—	—	—	13	—	3,075	3,075	—	110	110
Peru	0	182	0	61	—	3,312	3,312	—	118	118
Philippines	0	0	—	1	0	169	169	—	6	6
Portugal	0	242	—	0	—	243	243	—	9	9
Puerto Rico	0	—	—	16	—	84	84	—	3	3
Romania	—	—	—	0	—	0	0	—	0	0
Saudi Arabia	0	5	0	5	—	12	12	—	0	0
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	0	—	21	0	8,392	10,420	72	300	372
South Africa	0	47	0	83	—	811	811	—	29	29
Spain	0	830	—	1	—	1,646	1,646	—	59	59
Switzerland	0	—	—	0	0	1	1	—	0	0
Taiwan	0	—	1	27	0	484	484	—	17	17
Thailand	0	0	1	2	0	4	237	8	0	8
Trinidad and Tobago	—	0	—	3	0	14	14	—	0	0
Turkey	0	2,348	—	7	—	2,452	2,452	—	88	88
United Arab Emirates	0	1	—	132	—	676	676	—	24	24
United Kingdom	0	44	0	1	0	1,432	2,308	31	51	82
Venezuela	—	—	0	1	—	2,614	2,614	—	93	93
Other	7	80	9	114	3	7,593	8,656	41	274	312
Total	115	17,325	494	3,026	19	149,143	180,392	1,116	5,327	6,443

— = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-February 2017
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
Argentina	—	1	0	145	—	270	270	—	—	—
Australia	223	0	580	0	—	1	1	—	—	—
Bahamas	—	1	27	190	—	440	440	0	1	1
Bahrain	—	—	—	—	—	1	1	1	—	1
Belgium	—	1	—	369	—	422	422	—	0	0
Belize	—	—	—	0	—	—	—	—	0	0
Brazil	—	12	676	724	—	1,924	1,924	—	163	163
Canada	15,376	11,499	4,228	4,413	—	533	533	—	337	337
Cayman Islands	—	—	—	—	—	28	28	—	—	—
Chile	—	0	800	130	—	505	505	—	—	—
China	11,578	4	9,456	1,606	—	6	6	—	—	—
Colombia	1,958	0	0	2,496	—	2,018	2,018	—	248	248
Costa Rica	—	—	261	9	—	1,215	1,215	—	181	181
Denmark	—	—	—	—	—	1	1	—	—	—
Dominican Republic	789	—	2,433	13	—	562	562	—	110	110
Ecuador	—	1	695	4	—	2,068	2,068	—	2	2
Egypt	—	—	1,092	0	—	—	—	—	—	—
El Salvador	—	0	441	2	—	655	655	—	0	0
Finland	—	—	—	—	—	—	—	—	—	—
France	1,403	36	824	325	—	—	—	9	0	9
Germany	—	—	—	10	—	—	—	—	—	—
Ghana	—	—	—	—	—	326	326	—	0	0
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	0	0	—	—	—
Guatemala	—	1	820	2	—	3,108	3,108	—	36	36
Honduras	—	—	681	1	—	652	652	—	147	147
Hong Kong	732	—	—	1	—	—	—	—	0	0
India	1,468	0	1,648	0	—	—	—	—	0	0
Indonesia	—	—	0	0	—	—	—	—	—	—
Ireland	—	—	—	—	—	1	1	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	3,026	—	235	13	—	—	—	—	—	—
Jamaica	—	0	45	—	—	285	285	—	0	0
Japan	3,219	0	12,038	9	—	148	148	1	0	1
Korea, South	1,198	—	6,336	25	—	0	0	0	0	1
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	37	8,003	399	—	22,444	22,444	4	3,552	3,556
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	732	7	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	3,604	44	4,099	2,235	—	90	90	—	33	33
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	0	0	—	—	—	—	—	—
Nicaragua	401	—	0	—	—	120	120	—	—	—
Nigeria	—	—	—	0	—	631	631	—	—	—
Norway	—	—	2,134	—	—	—	—	0	—	0
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	425	0	246	1	—	2,040	2,040	—	74	74
Peru	959	1	—	3	—	1,225	1,225	—	—	—
Philippines	—	—	—	0	—	—	—	—	—	—
Portugal	—	—	584	—	—	1	1	—	—	—
Puerto Rico	—	0	0	1	—	3	3	—	1	1
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	0	—	5	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	3,740	0	5,737	40	—	0	0	—	—	—
South Africa	—	—	0	0	—	299	299	—	—	—
Spain	1,222	—	847	0	—	—	—	—	238	238
Switzerland	—	—	0	0	—	—	—	—	0	0
Taiwan	—	—	0	890	—	0	0	—	1	1
Thailand	233	0	—	1	—	—	—	—	0	0
Trinidad and Tobago	—	0	1	16	—	0	0	—	—	—
Turkey	—	—	578	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	3	—	0	0	—	—	—
United Kingdom	1,758	—	2,158	0	—	1	1	0	—	0
Venezuela	—	—	250	1,921	—	1,199	1,199	—	577	577
Other	1,063	2	1,994	252	—	1,942	1,942	—	7	6
Total	54,375	11,640	70,679	16,261	—	45,164	45,164	15	5,708	5,723

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-February 2017
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	—	0	—	—	—	1,318	—	—	—	1,318
Australia	—	—	—	—	—	—	0	—	—	—	0
Bahamas	—	0	0	—	—	—	147	—	60	—	207
Bahrain	—	—	0	—	—	—	—	—	—	—	—
Belgium	15	0	0	0	—	—	205	278	—	—	483
Belize	—	—	—	—	—	—	0	—	—	—	0
Brazil	—	0	2,612	—	—	—	9,382	563	—	—	9,945
Canada	—	0	1,219	29	—	—	2	1,029	322	—	1,354
Cayman Islands	—	—	0	—	—	—	92	—	—	—	92
Chile	466	—	0	—	—	—	4,476	—	—	—	4,476
China	0	0	1	—	—	—	3	—	—	—	3
Colombia	—	0	71	—	—	—	2,254	—	—	—	2,254
Costa Rica	—	0	0	—	—	—	1,381	—	0	—	1,381
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	1	—	—	—	309	60	—	—	369
Ecuador	—	0	—	—	—	—	1,358	526	—	—	1,884
Egypt	—	—	0	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	77	560	—	—	637
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	0	4	—	—	—	1,911	329	—	—	2,241
Germany	—	0	0	—	—	—	0	—	—	—	0
Ghana	—	0	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	50	1,422	534	—	2,006
Greece	—	—	1	—	—	—	—	—	—	—	—
Guatemala	—	—	0	—	—	—	1,328	770	—	—	2,098
Honduras	—	—	—	—	—	—	448	222	—	—	670
Hong Kong	—	0	0	—	—	—	1	—	—	—	1
India	—	0	843	—	—	—	1	—	—	—	1
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	0	0	—	—	—	—	—	—	—	—
Israel	—	0	0	—	—	—	0	—	—	—	0
Italy	—	0	0	2	—	—	0	20	—	—	21
Jamaica	—	—	74	—	—	—	368	—	—	—	368
Japan	—	1,585	0	—	—	—	0	—	—	—	0
Korea, South	—	0	51	—	—	—	1	—	—	—	1
Lebanon	—	—	—	—	—	—	0	—	—	—	0
Mexico	1,793	2	127	23	—	—	14,398	382	33	—	14,813
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	696	—	—	—	696
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	82	3	—	—	3,604	131	275	—	4,010
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	0	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	2	—	—	53	105	—	—	158
Nigeria	—	—	85	—	—	—	—	—	—	—	—
Norway	—	0	0	—	—	—	6	—	—	—	6
Pakistan	—	0	—	—	—	—	—	—	—	—	—
Panama	—	—	—	—	—	—	2,512	489	0	—	3,001
Peru	—	0	144	42	—	—	5,007	—	—	—	5,007
Philippines	—	0	306	—	—	—	—	0	—	—	0
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	1	63	—	—	—	0	1	0	—	1
Romania	—	—	—	—	—	—	311	—	—	—	311
Saudi Arabia	0	0	0	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	63	0	—	—	40	—	1,458	—	1,498
South Africa	—	0	—	0	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	624	—	—	—	624
Switzerland	—	—	—	1	—	—	—	95	—	—	95
Taiwan	—	0	0	—	—	—	0	—	—	—	0
Thailand	—	0	—	—	—	—	—	—	0	—	0
Trinidad and Tobago	—	0	0	—	—	—	0	—	—	—	0
Turkey	—	0	—	—	—	—	97	—	—	—	97
United Arab Emirates	—	0	498	—	—	—	0	—	—	—	0
United Kingdom	—	0	0	—	—	—	919	0	—	—	919
Venezuela	273	—	—	—	—	—	821	—	—	—	821
Other	1	3	6	0	—	—	4,087	1,367	1,113	—	6,564
Total	2,548	1,592	6,251	101	—	—	58,287	8,349	3,795	—	70,431

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-February 2017
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—
Bahamas	—	—	—	39	—	397	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	—	—	—	300	—	—	—	—
Canada	7	—	—	2,919	—	2,001	—	—
Cayman Islands	—	—	—	15	—	0	—	—
Chile	1	—	—	302	—	0	—	—
China	1	—	—	3	—	0	—	—
Colombia	—	—	—	200	—	301	—	—
Costa Rica	0	—	—	375	—	—	—	—
Denmark	—	—	—	295	—	—	—	—
Dominican Republic	0	—	—	589	—	90	—	—
Ecuador	—	—	—	8	—	868	—	—
Egypt	—	—	—	—	—	173	—	—
El Salvador	—	—	—	27	—	—	—	—
Finland	47	—	—	307	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	0	—	—	—	—	—	—	—
Ghana	—	—	—	1	—	—	—	—
Gibraltar	—	—	—	—	—	226	—	—
Greece	—	—	—	—	—	0	—	—
Guatemala	—	—	—	342	—	557	—	—
Honduras	0	—	—	134	—	537	—	—
Hong Kong	—	—	—	—	—	—	—	—
India	—	—	—	—	—	0	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	102	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	0	—	—	315	—	633	—	—
Japan	—	—	—	1	—	—	—	—
Korea, South	0	—	—	0	—	0	—	—
Lebanon	—	—	—	—	—	1,434	—	—
Mexico	2	—	—	2,245	—	1,956	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	378	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	—	—	300	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	0	—	—	—	—	0	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	0	—	—
Panama	0	—	—	621	—	502	—	—
Peru	0	—	—	199	—	192	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	0	—	—	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	0	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	0	—	—	0	—	7,711	—	—
South Africa	—	—	—	—	—	380	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	0	—	—	1	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	1	—	—	—	—	300	—	—
United Kingdom	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	2	—	—	618	—	1,506	—	—
Total	62	—	—	10,258	—	20,142	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-February 2017
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	1	0	86	0	1,821	1,821	—	31	31
Australia	1	463	0	38	0	1,084	1,307	4	18	22
Bahamas	—	—	4	381	—	1,688	1,688	—	29	29
Bahrain	0	—	—	2	—	4	4	—	0	0
Belgium	0	289	0	403	1	1,984	1,984	—	34	34
Belize	—	—	—	2	—	2	2	—	0	0
Brazil	0	1,515	1	513	1	18,386	18,386	—	312	312
Canada	148	679	275	481	8	30,130	45,506	261	511	771
Cayman Islands	—	—	0	3	—	138	138	—	2	2
Chile	0	—	176	158	0	7,015	7,015	—	119	119
China	17	4,801	6	331	3	16,237	27,816	196	275	471
Colombia	1	0	0	213	0	7,803	9,761	33	132	165
Costa Rica	1	146	57	22	0	3,648	3,648	—	62	62
Denmark	—	—	0	1	—	297	297	—	5	5
Dominican Republic	0	—	85	40	—	4,291	5,080	13	73	86
Ecuador	0	356	0	111	0	5,997	5,997	—	102	102
Egypt	0	1,631	0	1	0	2,899	2,899	—	49	49
El Salvador	0	—	—	40	—	1,803	1,803	—	31	31
Finland	0	—	—	1	—	356	356	—	6	6
France	0	22	—	135	—	3,597	4,999	24	61	85
Germany	2	0	1	173	0	187	187	—	3	3
Ghana	—	—	—	1	—	327	327	—	6	6
Gibraltar	—	—	—	327	—	2,559	2,559	—	43	43
Greece	—	1,746	—	0	—	1,747	1,747	—	30	30
Guatemala	0	154	0	32	—	7,150	7,150	—	121	121
Honduras	0	242	31	24	—	3,120	3,120	—	53	53
Hong Kong	1	0	—	6	0	9	741	12	0	13
India	1	5,739	2	452	1	8,688	10,156	25	147	172
Indonesia	0	0	3	19	0	22	22	—	0	0
Ireland	—	—	—	0	—	1	1	—	0	0
Israel	0	285	—	236	0	623	623	—	11	11
Italy	0	597	0	1	1	869	3,895	51	15	66
Jamaica	—	0	0	28	0	1,749	1,749	—	30	30
Japan	2	2,894	1	40	7	16,726	19,945	55	283	338
Korea, South	0	660	42	54	1	7,172	8,370	20	122	142
Lebanon	0	116	—	4	—	1,553	1,553	—	26	26
Mexico	36	3,358	216	944	8	59,963	59,963	—	1,016	1,016
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	826	—	0	—	2,638	2,638	—	45	45
Mozambique	—	95	—	—	—	95	95	—	2	2
Netherlands	3	410	1	211	5	11,527	15,131	61	195	256
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	99	0	2	0	102	102	—	2	2
Nicaragua	—	—	0	8	—	288	689	7	5	12
Nigeria	—	—	—	61	—	777	777	—	13	13
Norway	—	212	0	1	—	2,354	2,354	—	40	40
Pakistan	—	0	0	1	—	1	1	—	0	0
Panama	—	—	38	22	114	6,658	7,083	7	113	120
Peru	0	182	0	149	0	7,145	8,103	16	121	137
Philippines	0	0	—	2	0	309	309	—	5	5
Portugal	0	242	—	0	—	827	827	—	14	14
Puerto Rico	0	—	—	27	0	98	98	—	2	2
Romania	—	—	—	0	—	311	311	—	5	5
Saudi Arabia	0	18	0	44	—	68	68	—	1	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	0	—	60	0	15,112	18,852	63	256	320
South Africa	0	47	0	84	—	811	811	—	14	14
Spain	1	1,635	30	3	—	3,378	4,600	21	57	78
Switzerland	0	—	—	0	0	95	95	—	2	2
Taiwan	0	—	1	31	0	925	925	—	16	16
Thailand	0	0	1	6	1	9	242	4	0	4
Trinidad and Tobago	—	0	0	15	0	33	33	—	1	1
Turkey	0	3,209	—	9	—	3,892	3,892	—	66	66
United Arab Emirates	0	1	1	175	—	978	978	—	17	17
United Kingdom	1	219	0	11	0	3,309	5,067	30	56	86
Venezuela	—	—	0	484	—	5,525	5,525	—	94	94
Other	7	438	39	170	3	13,534	14,598	19	226	244
Total	222	33,327	1,011	6,879	154	302,444	356,819	922	5,126	6,048

— = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2017
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,177	-	-9	138	-	-80	-80	-	32	32
Algeria	75	-	-	159	-	-	-	-	-	-
Angola	45	-	-	13	-	-	-	-	5	5
Ecuador	141	-	-	-	-	-37	-37	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	413	-	-	-	-	-	-	-	-	-
Kuwait	251	-	-	-	-	-	-	-	-	-
Libya	22	-	-	0	-	-	-	-	-	-
Nigeria	213	-	-	-	-	-11	-11	-	10	10
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,338	-	-	0	-	-	-	-	-	-
United Arab Emirates	-	-	-	0	-	0	0	-	-	-
Venezuela	679	-	-9	-34	-	-32	-32	-	17	17
Non-OPEC	3,597	-211	-915	130	-	-600	-600	222	173	395
Argentina	-	-	0	0	-	-	-	-	-	-
Aruba	-	-	-41	-	-	-	-	-	-	-
Australia	-	-	-21	0	-	0	0	-	-	-
Bahamas	-	0	-1	-4	-	-11	-11	0	0	0
Bahrain	-	-	-	-	-	-	-	0	-	0
Belgium	-	-	-	35	-	3	3	-	5	5
Brazil	234	0	-5	-12	-	-43	-43	-	-6	-6
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	0	0	-	-	-
Canada	3,259	-220	158	-52	-	10	10	103	93	195
Chad	32	-	-	-	-	-	-	-	-	-
China	-342	0	-177	-19	-	0	0	-	-	-
Colombia	352	0	0	-43	-	-23	-23	-	0	0
Denmark	-	-	-	-	-	0	0	-	-	-
Dominican Republic	-28	-	-38	0	-	-11	-11	-	-	-
Equatorial Guinea	-	-	0	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	4	4
France	-31	0	-	-11	-	-	-	32	2	34
Germany	-	-	-	0	-	4	4	-	1	1
Guatemala	19	-	-15	0	-	-50	-50	-	0	0
Honduras	-	-	-15	0	-	-9	-9	-	-3	-3
India	-52	-	-29	9	-	-	-	-	0	0
Indonesia	-	-	0	0	-	-	-	-	-	-
Italy	-61	-	-8	0	-	-	-	-	12	12
Japan	-46	-	-175	0	-	0	0	0	0	0
Korea, South	-43	-	-126	0	-	0	0	0	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	25	25
Malaysia	-	-	-	-	-	-	-	-	0	0
Mexico	516	-1	-133	-12	-	-299	-299	0	-48	-48
Netherlands	-67	-1	-70	-39	-	-2	-2	12	31	43
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-33	11	-	-	-	-	12	12
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-	0	-6	0	-	-39	-39	-	-3	-3
Portugal	-	-	-	-	-	3	3	-	21	21
Puerto Rico	-	0	0	0	-	0	0	-	0	0
Russia	25	-	-	259	-	1	1	-	12	12
Spain	-	-	-10	0	-	-	-	-	5	5
Sweden	-	-	10	-	-	-	-	-	0	0
Trinidad and Tobago	-	0	3	0	-	0	0	-	-	-
United Kingdom	-31	-	-27	1	-	8	8	76	9	85
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-9	-9	-	0	0
Yemen	6	-	-	-	-	-	-	-	-	-
Other	-145	11	-156	7	-	-133	-133	-1	1	1
Total	6,773	-211	-924	269	-	-680	-680	222	205	427
Persian Gulf²	2,002	-	-	0	-	0	0	0	-	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2017
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-10	0	-12	-	-	-	-45	-19	-	-	-64
Algeria	-	-	-	-	-	-	-7	-	-	-	-7
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	-	-	-	-	-30	-19	-	-	-49
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-3	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	0	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-9	-	-	-	0	-	-	-	0
Venezuela	-10	-	-	-	-	-	-8	-	-	-	-8
Non-OPEC	-22	-30	-95	18	9	-	-857	-130	0	-	-987
Argentina	1	-	0	16	-	-	-19	-	-	-	-19
Aruba	-	-	-	-	-	-	-28	-	-	-	-28
Australia	-	-	-	-	-	-	0	-	-	-	0
Bahamas	-	-	0	-	-	-	0	-	-	-	0
Bahrain	-	-	0	-	-	-	-	-	-	-	-
Belgium	-	0	0	-	-	-	-7	-10	-	-	-17
Brazil	1	5	-30	-	-	-	-167	-20	-	-	-187
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-21	4	-	-	71	-18	53	-	106
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	-	-	-	0	-	-	-	0
Colombia	-	0	-1	-	-	-	-21	-	-	-	-21
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-4	-	-	-	-4
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	0	0	-	-	-	-25	-	-	-	-25
Germany	-	0	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-23	-9	-	-	-32
Honduras	-	-	-	-	-	-	-9	-	-	-	-9
India	-	-	-21	-	-	-	53	-	-	-	53
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	0	-	0	-	-	-	-	-	-	-
Japan	-	-34	0	-	-	-	-	-	-	-	-
Korea, South	-	0	-1	-	-	-	0	-	-	-	0
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	0	-	-	-	-	-	-	-	-
Mexico	-21	0	-2	-1	-	-	-238	-11	-1	-	-249
Netherlands	6	0	-3	0	-	-	-95	-3	-10	-	-108
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	0	-	-	-	0	-	-	-	0
Oman	-	-	-	-	-	-	0	-	-	-	0
Panama	-	-	-	-	-	-	-29	0	-	-	-29
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-2	-	-	-	-	0	-	-	0
Russia	-	-	-	-	-	-	-	-	8	-	8
Spain	-	-	-	-	-	-	-11	-	-	-	-11
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	0	-	-	-	0
United Kingdom	-	0	0	-	-	-	-22	-	-	-	-22
Vietnam	-	-	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	-	-	-	-	-19	-	-9	-	-28
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-9	-1	-14	-1	9	-	-264	-59	-41	-	-365
Total	-31	-30	-106	18	9	-	-902	-149	0	-	-1,051
Persian Gulf²	-	0	-9	-	-	-	0	-	-	-	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2017
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	14	-	12	-	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-16	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-
United Arab Emirates	0	-	-	-	-	-11	-	-
Venezuela	-	-	-	14	-	39	-	-
Non-OPEC	0	0	-	-40	18	-258	36	20
Argentina	-	-	-	-	-	-	-	5
Aruba	-	-	-	0	-	-	-	-
Australia	-	-	-	-	-	-	-	-
Bahamas	-	-	-	0	-	-14	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-
Brazil	-	-	-	-11	-	-	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	0	0	-	-39	5	-15	3	3
Chad	-	-	-	-	-	-	-	-
China	0	-	-	4	-	0	-	-
Colombia	-	-	-	-4	-	8	8	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-15	-	-3	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	1	-	-	1
Germany	0	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-19	-	-
Honduras	0	-	-	-3	-	-10	-	-
India	-	-	-	5	-	0	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	6	-	-
Japan	-	-	-	11	1	-	1	-
Korea, South	0	-	-	100	-	0	-	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-
Mexico	0	-	-	-36	11	8	10	-
Netherlands	0	-	-	-11	-	-	1	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	12
Oman	-	-	-	-	-	-	-	-
Panama	-	-	-	-14	-	-18	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	0	-	-	-	-
Russia	-	-	-	-	-	14	-	-
Spain	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	10	-	-
Trinidad and Tobago	0	-	-	-	-	23	-	-
United Kingdom	-	-	-	-	-	-	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-7	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-27	0	-241	12	-1
Total	0	0	-	-26	18	-246	36	20
Persian Gulf²	0	-	-	-	-	-11	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2017
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-6	1	2	-	19	3,196
Algeria	-	-	-	0	-	152	227
Angola	-	-	-	0	-	19	64
Ecuador	0	-6	0	-2	-	-109	32
Gabon	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Iraq	-	-	0	0	-	0	413
Kuwait	0	0	0	0	-	0	251
Libya	-	-	-	0	-	0	22
Nigeria	-	-	-	0	-	-4	208
Qatar	-	-	-	9	-	9	9
Saudi Arabia	0	0	0	0	-	0	1,338
United Arab Emirates	0	0	-	-5	-	-24	-24
Venezuela	-	-	1	0	-	-21	657
Non-OPEC	2	-601	13	-66	-1	-3,182	414
Argentina	0	9	0	-1	0	12	12
Aruba	-	-	0	0	-	-69	-69
Australia	0	-6	-	-1	-	-27	-27
Bahamas	-	-	0	0	-	-30	-30
Bahrain	0	-	-	2	-	2	2
Belgium	0	-10	0	-5	0	12	12
Brazil	0	-20	0	-11	0	-319	-85
Brunei	-	0	-	-	-	0	0
Cameroon	-	-	0	-	-	0	0
Canada	-1	-4	14	1	0	147	3,406
Chad	-	-	-	-	-	-	32
China	2	-105	0	-1	0	-297	-639
Colombia	0	0	0	-3	0	-79	273
Denmark	-	-	-	0	-	0	0
Dominican Republic	0	-	-3	-1	-	-76	-104
Equatorial Guinea	-	-	-	0	-	0	0
Estonia	-	-	-	0	-	0	0
Finland	-	-	-	0	-	4	4
France	0	0	-	-1	-	-2	-33
Germany	0	0	0	1	-	6	6
Guatemala	0	-6	-	-1	-	-122	-103
Honduras	0	-9	-	0	-	-57	-57
India	0	-118	0	-15	0	-115	-167
Indonesia	0	-	0	2	0	2	2
Italy	0	-	-	2	0	11	-50
Japan	1	-48	0	-1	0	-245	-292
Korea, South	0	0	-1	11	0	-18	-61
Latvia	0	-	-	-	-	0	0
Lithuania	-	-	-	-	-	25	25
Malaysia	1	-	2	0	-	3	3
Mexico	-1	-70	-1	-16	0	-859	-343
Netherlands	0	-15	0	-5	0	-202	-269
Netherlands Antilles	-	-	-	-	-	-	-
Norway	-	-4	-	0	-	-3	-3
Oman	0	0	-	0	-	0	0
Panama	-	-	-	0	-	-110	-110
Portugal	0	-9	-	0	-	16	16
Puerto Rico	0	-	-	-1	-	-3	-3
Russia	-	-	0	1	-	293	318
Spain	0	-30	9	0	-	-36	-36
Sweden	0	-1	-	0	-	18	18
Trinidad and Tobago	-	0	-	0	0	25	25
United Kingdom	0	-2	0	1	0	45	14
Vietnam	0	-	-	-2	0	-2	-2
Virgin Islands, U.S.	-	-	-	0	-	-44	-44
Yemen	-	-	-	0	-	0	6
Other	0	-153	-7	-22	-1	-1,088	-1,233
Total	2	-607	14	-64	-1	-3,163	3,610
Persian Gulf²	0	0	0	6	-	-14	1,988

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-February 2017
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,388	0	-16	122	-	-66	-66	-	24	24
Algeria	97	-	-	136	-	-	-	-	-	-
Angola	76	-	-	13	-	-	-	-	3	3
Ecuador	197	0	-12	0	-	-35	-35	-	0	0
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	523	-	-	-	-	-	-	-	-	-
Kuwait	174	-	-	-	-	-	-	-	-	-
Libya	20	-	-	7	-	-	-	-	-	-
Nigeria	267	-	-	0	-	-11	-11	-	13	13
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,341	0	-	0	-	-	-	-	-	-
United Arab Emirates	-	0	-	0	-	0	0	-	-	-
Venezuela	692	-	-4	-33	-	-20	-20	-	7	7
Non-OPEC	3,867	-181	-929	219	-	-665	-665	215	228	443
Argentina	-	0	0	-2	-	-5	-5	-	2	2
Aruba	-	-	-29	-1	-	-1	-1	-	-	-
Australia	-4	0	-10	0	-	0	0	-	-	-
Bahamas	-	0	0	-3	-	-7	-7	0	0	0
Bahrain	-	-	-	-	-	0	0	0	-	0
Belgium	-	0	-	30	-	-6	-6	-	20	20
Brazil	213	0	-11	-8	-	-33	-33	-	-3	-3
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	0	-	0	0	-	-	-
Canada	3,254	-195	169	-47	-	9	9	104	81	185
Chad	31	-	-	-	-	-	-	-	-	-
China	-196	0	-160	-27	-	0	0	-	-	-
Colombia	307	0	0	-42	-	-34	-34	-	10	10
Denmark	-	-	-	1	-	0	0	-	1	1
Dominican Republic	-13	-	-41	0	-	-10	-10	-	-2	-2
Equatorial Guinea	-	-	0	-	-	-	-	-	-	-
Estonia	-	-	-	0	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	3	3
France	-24	-1	-14	-1	-	-	-	25	3	28
Germany	-	-	-	1	-	2	2	-	1	1
Guatemala	14	0	-14	0	-	-53	-53	-	-1	-1
Honduras	-	-	-12	0	-	-11	-11	-	-2	-2
India	-25	0	-28	7	-	-	-	-	19	19
Indonesia	-	-	0	0	-	-	-	-	-	-
Italy	-51	-	-4	0	-	-	-	-	10	10
Japan	-55	0	-204	0	-	-3	-3	0	0	0
Korea, South	-20	-	-107	0	-	0	0	0	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	12	12
Malaysia	-	-	-	-	-	-	-	-	0	0
Mexico	579	4	-135	-7	-	-380	-380	0	-55	-55
Netherlands	-61	-1	-69	-12	-	-1	-1	12	25	37
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	35	-	-36	15	-	-	-	11	20	32
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-7	0	-4	0	-	-35	-35	-	-1	-1
Portugal	-	-	-10	-	-	2	2	-	15	15
Puerto Rico	-	0	0	0	-	0	0	-	0	0
Russia	12	-	-	277	-	1	1	3	29	32
Spain	-21	-	-14	4	-	1	1	1	15	16
Sweden	-	-	9	4	-	-	-	-	10	10
Trinidad and Tobago	-	0	3	0	-	0	0	-	-	-
United Kingdom	-3	-	-37	4	-	10	10	58	16	75
Vietnam	-	-	-	0	-	-	-	0	-	0
Virgin Islands, U.S.	-	-	-5	-	-	-4	-4	-	0	0
Yemen	3	-	-	-	-	-	-	-	-	-
Other	-101	12	-166	26	-	-107	-107	1	0	-1
Total	7,255	-181	-945	341	-	-731	-731	215	252	467
Persian Gulf²	2,038	0	-	0	-	0	0	0	-	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-February 2017
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-5	0	-10	-	-	-	-40	-9	1	-	-48
Algeria	-	-	-	-	-	-	-4	-	-	-	-4
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	-	-	-	-	-23	-9	-	-	-32
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-1	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	0	0	0	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-8	-	-	-	0	-	-	-	0
Venezuela	-5	-	-	-	-	-	-14	-	1	-	-13
Non-OPEC	-28	-24	-83	12	9	-	-807	-131	-9	3	-944
Argentina	1	-	0	10	-	-	-22	-	-	-	-22
Aruba	-	-	-	-	-	-	-14	-	-	-	-14
Australia	-	-	-	-	-	-	0	-	-	-	0
Bahamas	-	0	0	-	-	-	-2	-	-1	-	-4
Bahrain	-	-	0	-	-	-	-	-	-	-	-
Belgium	0	0	0	0	-	-	-3	-5	-	-	-8
Brazil	1	3	-31	-	-	-	-159	-10	-	-	-169
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-21	3	-	-	101	-16	44	0	129
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	-	-	-	0	-	-	-	0
Colombia	-	0	-1	-	-	-	-35	-	-	-	-35
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-5	-1	-	-	-6
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	0	0	-	-	-	-32	-6	-	2	-36
Germany	1	0	0	-	-	-	0	-	-	-	0
Guatemala	-	-	0	-	-	-	-23	-13	-	-	-36
Honduras	-	-	-	-	-	-	-8	-4	-	-	-11
India	-	0	-14	-	-	-	36	-	-	-	36
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	0	0	0	-	-	0	0	-	-	0
Japan	-	-27	0	-	-	-	0	-	-	-	0
Korea, South	-	0	-1	-	-	-	0	-	-	-	0
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	0	-	-	-	0	-	-10	-	-10
Mexico	-30	0	-2	0	-	-	-244	-6	1	-	-249
Netherlands	8	0	-1	0	-	-	-61	-2	-5	-	-68
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	0	-	-	-	0	-	-	-	0
Oman	-	-	-	-	-	-	0	-	-	-	0
Panama	-	-	-	-	-	-	-43	-8	0	-	-51
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-1	-	-	-	0	0	0	-	0
Russia	-	-	-	-	-	-	-	-	4	1	5
Spain	-	-	-	-	-	-	-11	-	-	-	-11
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	0	0	-	-	-	0	-	1	-	1
United Kingdom	-	0	0	-	-	-	-16	0	-	-	-16
Vietnam	-	-	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	-	-	-	-	-20	-5	-9	-	-34
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-9	0	-11	-1	9	-	-246	-55	-34	0	-335
Total	-33	-24	-93	12	9	-	-848	-140	-8	3	-992
Persian Gulf²	0	0	-8	-	-	-	0	-	-	-	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-February 2017
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	11	1	8	-	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	0	-	-15	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	0	-	-	0	1	-	-	-
United Arab Emirates	0	-	-	-	-	-5	-	-
Venezuela	-	-	-	11	-	28	-	-
Non-OPEC	-1	0	-	-41	17	-150	27	11
Argentina	-	-	-	-	-	-	-	3
Aruba	0	-	-	-1	-	-	-	-
Australia	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-1	-	-7	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-
Brazil	-	-	-	-5	0	-	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	0	0	-	-37	4	-2	3	3
Chad	-	-	-	-	-	-	-	-
China	0	-	-	22	-	0	-	-
Colombia	-	-	-	-3	-	6	4	-
Denmark	-	-	-	-5	-	-	-	-
Dominican Republic	0	-	-	-10	-	-2	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-1	-	-	-5	-	-	-	-
France	-	-	-	-	1	-	-	0
Germany	0	-	-	-	1	-	-	-
Guatemala	-	-	-	-6	-	-9	-	-
Honduras	0	-	-	-2	-	-9	-	-
India	-	-	-	10	-	0	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	3	-	-
Japan	-	-	-	16	3	-	1	-
Korea, South	0	-	-	72	2	0	-	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	0	-	-	-	-
Mexico	0	-	-	-38	5	33	10	-
Netherlands	0	-	-	-5	0	4	2	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	6
Oman	-	-	-	-	-	-	-	-
Panama	0	-	-	-11	-	-9	-	-
Portugal	-	-	-	-	0	-	-	-
Puerto Rico	0	-	-	0	-	-	-	-
Russia	0	-	-	1	-	7	-	-
Spain	-	-	-	-	-	-	-	-
Sweden	-	-	-	0	-	5	-	-
Trinidad and Tobago	0	-	-	0	-	16	-	-
United Kingdom	-	-	-	-	-	-	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	-	-	-9	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-33	1	-177	6	-1
Total	-1	0	-	-30	17	-142	27	11
Persian Gulf²	0	-	-	0	1	-5	-	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-February 2017
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-6	1	-6	0	10	3,398
Algeria	—	—	—	0	—	132	230
Angola	—	—	—	0	—	16	92
Ecuador	0	-6	0	-2	0	-102	95
Gabon	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—
Iraq	—	—	0	0	—	0	523
Kuwait	0	0	0	0	—	0	174
Libya	—	—	—	0	—	7	27
Nigeria	—	—	—	-1	—	0	267
Qatar	—	—	—	9	—	9	9
Saudi Arabia	0	0	0	-1	—	0	1,341
United Arab Emirates	0	0	0	-3	—	-17	-17
Venezuela	—	—	1	-8	—	-36	656
Non-OPEC	0	-550	7	-68	-3	-2,921	946
Argentina	0	4	0	-1	0	-11	-11
Aruba	—	—	0	—	—	-47	-47
Australia	0	-8	0	-1	0	-18	-22
Bahamas	—	—	0	-6	—	-29	-29
Bahrain	0	—	—	3	—	3	3
Belgium	0	-5	0	-7	0	25	25
Brazil	0	-26	0	-9	0	-290	-76
Brunei	—	0	—	0	—	0	0
Cameroon	—	—	0	—	—	0	0
Canada	-1	-10	14	2	0	209	3,463
Chad	—	—	—	—	—	—	31
China	1	-81	0	-6	0	-252	-448
Colombia	0	0	0	-4	0	-100	206
Denmark	—	—	0	0	—	-4	-4
Dominican Republic	0	—	-1	-1	—	-73	-86
Equatorial Guinea	—	—	—	0	—	0	0
Estonia	—	—	—	0	—	0	0
Finland	0	—	—	0	—	-3	-3
France	0	0	—	-2	—	-25	-49
Germany	0	0	0	-1	0	4	4
Guatemala	0	-3	0	-1	—	-121	-107
Honduras	0	-4	-1	0	—	-53	-53
India	0	-97	0	-8	0	-76	-101
Indonesia	0	0	0	2	0	2	2
Italy	0	-10	0	1	0	-1	-53
Japan	0	-49	0	-1	0	-263	-317
Korea, South	0	-11	-1	11	0	-35	-56
Latvia	0	—	—	0	—	0	0
Lithuania	—	—	—	0	—	12	12
Malaysia	1	—	1	0	0	-8	-8
Mexico	-1	-57	-4	-16	0	-923	-344
Netherlands	0	-7	0	-4	0	-117	-178
Netherlands Antilles	—	—	—	—	—	—	—
Norway	—	-4	0	0	—	12	47
Oman	0	-1	—	0	—	-1	-1
Panama	—	—	-1	0	-2	-113	-120
Portugal	0	-4	—	0	—	3	3
Puerto Rico	0	—	—	0	0	-2	-2
Russia	0	—	0	0	—	322	334
Spain	0	-28	4	0	—	-27	-48
Sweden	0	0	—	0	0	26	26
Trinidad and Tobago	—	0	0	0	0	19	19
United Kingdom	0	-1	0	0	0	37	34
Vietnam	0	—	—	-1	0	-1	-1
Virgin Islands, U.S.	—	—	0	0	—	-52	-52
Yemen	—	—	—	0	—	0	3
Other	0	-148	-4	-18	-1	-950	-1,050
Total	0	-556	8	-74	-3	-2,911	4,344
Persian Gulf²	0	0	0	8	—	-5	2,033

— = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, February 2017
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	16,550	152,387	971,316	24,274	53,867	1,218,394
Refinery	10,588	14,864	49,136	2,091	25,279	101,958
Tank Farms and Pipelines (Includes Cushing, OK)	5,962	137,523	227,355	22,183	25,507	418,530
Cushing, Oklahoma	—	65,309	—	—	—	65,309
Leases ¹	—	—	—	—	—	—
Strategic Petroleum Reserve ²	—	—	694,825	—	—	694,825
Alaskan In Transit	—	—	—	—	3,081	3,081
Total Stocks, All Oils (excluding Crude Oil)³	188,043	180,220	353,343	21,121	88,174	830,900
Refinery	18,964	50,035	124,305	11,011	49,247	253,562
Bulk Terminal	140,030	91,996	175,645	5,931	33,594	447,195
Pipeline	28,779	36,887	50,479	4,011	5,172	125,328
Natural Gas Processing Plant	270	1,302	2,914	168	161	4,815
Pentanes Plus	159	10,114	12,192	305	46	22,816
Refinery	—	513	503	11	—	1,027
Bulk Terminal	95	1,585	9,704	4	4	11,392
Pipeline	10	7,892	1,787	246	—	9,935
Natural Gas Processing Plant	54	124	198	44	42	462
Liquefied Petroleum Gases	5,654	26,693	97,078	2,200	2,367	133,992
Refinery	937	3,290	8,976	357	1,359	14,919
Bulk Terminal	3,770	14,323	71,920	78	889	90,980
Pipeline	731	7,902	13,466	1,641	—	23,740
Natural Gas Processing Plant	216	1,178	2,716	124	119	4,353
Ethane/Ethylene	336	6,127	45,573	480	—	52,516
Refinery	—	—	160	—	—	160
Bulk Terminal	147	3,270	39,825	—	—	43,242
Ethylene	—	—	—	—	—	—
Pipeline	189	2,660	5,052	478	—	8,379
Natural Gas Processing Plant	—	197	536	2	—	735
Propane/Propylene	4,207	13,644	31,041	927	772	50,591
Refinery	299	1,207	1,860	49	161	3,576
Bulk Terminal	3,217	8,029	21,534	67	584	33,431
Nonfuel Use	—	—	2,419	—	—	2,419
Pipeline	525	3,715	6,276	740	—	11,256
Natural Gas Processing Plant	166	693	1,371	71	27	2,328
Normal Butane/Butylene	894	5,046	14,520	545	1,071	22,076
Refinery	441	1,563	4,984	219	704	7,911
Bulk Terminal	406	2,472	7,943	10	305	11,136
Refinery Grade Butane	14	507	1,745	—	—	2,266
Pipeline	6	843	1,286	278	—	2,413
Natural Gas Processing Plant	41	168	307	38	62	616
Isobutane/isobutylene	217	1,876	5,944	248	524	8,809
Refinery	197	520	1,972	89	494	3,272
Bulk Terminal	—	552	2,618	1	—	3,171
Pipeline	11	684	852	145	—	1,692
Natural Gas Processing Plant	9	120	502	13	30	674
Other Hydrocarbons	—	20	—	—	—	20
Refinery	—	20	—	—	—	20
Oxygenates (excluding Fuel Ethanol)	—	—	1,114	—	—	1,114
Refinery	—	—	63	—	—	63
Bulk Terminal	—	—	1,051	—	—	1,051
Pipeline	—	—	—	—	—	—
MTBE	—	—	857	—	—	857
Refinery	—	—	63	—	—	63
Bulk Terminal ⁴	—	—	794	—	—	794
Pipeline	—	—	—	—	—	—
Other Oxygenates⁵	—	—	257	—	—	257
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	257	—	—	257
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	10,838	9,641	5,801	387	3,867	30,533
Refinery	196	154	349	114	438	1,251
Bulk Terminal	10,642	9,487	5,452	268	3,429	29,277
Pipeline	—	—	—	5	—	5
Fuel Ethanol³	8,339	8,594	3,405	373	2,317	23,028
Refinery	190	119	169	103	26	607
Bulk Terminal	8,149	8,475	3,236	265	2,291	22,416
Pipeline	—	—	—	5	—	5
Renewable Diesel Fuel	2,499	1,047	2,396	14	1,507	7,462
Refinery	6	35	180	11	369	601
Bulk Terminal	2,493	1,012	2,216	3	1,138	6,861
Pipeline	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	43	43
Refinery	—	—	—	—	43	43
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, February 2017
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	6,391	13,933	46,493	2,620	18,820	88,257
Naphthas and Lighter	1,899	3,500	12,811	584	3,285	22,079
Refinery	1,641	3,478	10,838	584	3,139	19,680
Bulk Terminal	258	22	1,973	—	146	2,399
Kerosene and Light Gas Oils	755	3,000	7,764	491	3,477	15,487
Refinery	755	2,933	7,681	491	3,324	15,184
Bulk Terminal	—	67	83	—	153	303
Heavy Gas Oils	2,436	4,845	20,810	1,125	9,619	38,835
Refinery	2,435	4,835	18,318	1,125	9,570	36,283
Bulk Terminal	1	10	2,492	—	49	2,552
Residuum	1,301	2,588	5,108	420	2,439	11,856
Refinery	1,301	2,290	5,108	420	2,439	11,558
Bulk Terminal	—	298	—	—	—	298
Motor Gasoline Blending Components³	67,283	53,510	71,402	6,540	28,656	227,391
Refinery	5,760	15,384	26,140	3,588	13,911	64,783
Bulk Terminal	50,752	28,773	29,489	2,059	12,485	123,558
Pipeline	10,771	9,353	15,773	893	2,260	39,050
Reformulated - RBOB	22,445	6,820	10,109	—	13,758	53,132
Refinery	1,938	1,141	1,684	—	4,853	9,616
Bulk Terminal	16,364	4,146	5,270	—	7,518	33,298
Pipeline	4,143	1,533	3,155	—	1,387	10,218
Conventional	44,838	46,690	61,293	6,540	14,898	174,259
Refinery	3,822	14,243	24,456	3,588	9,058	55,167
Bulk Terminal	34,388	24,627	24,219	2,059	4,967	90,260
Pipeline	6,628	7,820	12,618	893	873	28,832
CBOB	27,662	37,067	32,891	4,734	7,017	109,371
Refinery	682	6,948	10,419	1,783	2,219	22,051
Bulk Terminal	20,352	22,571	9,998	2,058	3,925	58,904
Pipeline	6,628	7,548	12,474	893	873	28,416
GTAB	1,715	—	—	—	—	1,715
Refinery	—	—	—	—	—	—
Bulk Terminal	1,715	—	—	—	—	1,715
Pipeline	—	—	—	—	—	—
Other	15,461	9,623	28,402	1,806	7,881	63,173
Refinery	3,140	7,295	14,037	1,805	6,839	33,116
Bulk Terminal	12,321	2,056	14,221	1	1,042	29,641
Pipeline	—	272	144	—	—	416
Aviation Gasoline Blending Components	—	—	9	—	—	9
Refinery	—	—	9	—	—	9
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	5,478	6,454	9,746	1,916	2,133	25,727
Refinery	29	1,197	3,306	865	840	6,237
Bulk Terminal	2,206	2,739	3,960	725	1,209	10,839
Pipeline	3,243	2,518	2,480	326	84	8,651
Reformulated	37	—	—	—	18	55
Refinery	—	—	—	—	18	18
Bulk Terminal	37	—	—	—	—	37
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	37	—	—	—	18	55
Refinery	—	—	—	—	18	18
Bulk Terminal	37	—	—	—	—	37
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	5,441	6,454	9,746	1,916	2,115	25,672
Refinery	29	1,197	3,306	865	822	6,219
Bulk Terminal	2,169	2,739	3,960	725	1,209	10,802
Pipeline	3,243	2,518	2,480	326	84	8,651
Conventional (Blended with Fuel Ethanol)	73	81	—	67	—	221
Refinery	—	—	—	62	—	62
Bulk Terminal	73	81	—	5	—	159
Pipeline	—	—	—	—	—	—
Ed55 and Lower	73	81	—	67	—	221
Refinery	—	—	—	62	—	62
Bulk Terminal	73	81	—	5	—	159
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	5,368	6,373	9,746	1,849	2,115	25,451
Refinery	29	1,197	3,306	803	822	6,157
Bulk Terminal	2,096	2,658	3,960	720	1,209	10,643
Pipeline	3,243	2,518	2,480	326	84	8,651

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, February 2017
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	226	182	340	11	194	953
Refinery	—	80	266	11	102	459
Bulk Terminal	226	102	74	—	92	494
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	11,561	8,176	14,344	575	9,250	43,906
Refinery	358	2,042	5,997	279	3,366	12,042
Bulk Terminal	5,448	4,142	3,491	222	4,829	18,132
Pipeline	5,755	1,992	4,856	74	1,055	13,732
Kerosene	1,805	141	245	2	18	2,211
Refinery	87	113	90	2	3	295
Bulk Terminal	1,669	28	131	—	15	1,843
Pipeline	49	—	24	—	—	73
Distillate Fuel Oil⁵	61,160	35,205	48,051	4,044	13,781	162,241
Refinery	2,588	6,696	15,864	1,860	5,437	32,445
Bulk Terminal	50,352	21,279	20,099	1,358	6,577	99,665
Pipeline	8,220	7,230	12,088	826	1,767	30,131
15 ppm sulfur and Under	49,963	34,235	41,848	3,822	12,717	142,585
Refinery	1,659	6,074	12,968	1,663	4,670	27,034
Bulk Terminal	41,414	21,221	18,218	1,335	6,381	88,569
Pipeline	6,890	6,940	10,662	824	1,666	26,982
Greater than 15 ppm to 500 ppm sulfur	4,758	410	1,925	190	221	7,504
Refinery	137	118	1,171	165	207	1,798
Bulk Terminal	4,479	47	415	23	14	4,978
Pipeline	142	245	339	2	—	728
Greater than 500 ppm sulfur	6,439	560	4,278	32	843	12,152
Refinery	792	504	1,725	32	560	3,613
Bulk Terminal	4,459	11	1,466	—	182	6,118
Pipeline	1,188	45	1,087	—	101	2,421
Residual Fuel Oil⁶	9,910	1,392	23,209	284	4,778	39,573
Refinery	610	1,056	3,913	284	2,610	8,473
Bulk Terminal	9,300	336	19,296	—	2,162	31,094
Pipeline	—	—	—	—	6	6
Less than 0.31% Sulfur	1,255	44	1,901	33	464	3,697
Refinery	203	36	195	33	—	467
Bulk Terminal	1,052	8	1,706	—	464	3,230
0.31% to 1.00% Sulfur	2,302	265	4,563	4	697	7,831
Refinery	73	107	305	4	472	961
Bulk Terminal	2,229	158	4,258	—	225	6,870
Greater than 1.00% Percent Sulfur	6,353	1,083	16,745	247	3,611	28,039
Refinery	334	913	3,413	247	2,138	7,045
Bulk Terminal	6,019	170	13,332	—	1,473	20,994
Petrochemical Feedstocks	95	604	2,571	—	1	3,271
Refinery	95	604	2,571	—	1	3,271
Naphtha for Petrochemical Feedstock Use	95	451	1,754	—	1	2,301
Other Oils for Petrochemical Feedstock Use	—	153	817	—	—	970
Special Naphthas	21	120	921	—	62	1,124
Refinery	14	75	801	—	62	952
Bulk Terminal	7	45	120	—	—	172
Lubricants	1,106	696	8,952	—	716	11,470
Refinery	634	237	5,614	—	555	7,040
Bulk Terminal	472	459	3,338	—	161	4,430
Waxes	411	44	252	—	—	707
Refinery	411	44	252	—	—	707
Petroleum Coke	—	898	4,930	176	1,260	7,264
Refinery	—	898	4,930	176	1,260	7,264
Asphalt and Road Oil	5,914	12,279	5,288	2,038	2,137	27,656
Refinery	1,082	3,978	2,316	821	743	8,940
Bulk Terminal	4,832	8,301	2,972	1,217	1,394	18,716
Miscellaneous Products	31	118	405	23	88	665
Refinery	31	118	400	23	88	660
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	—	—	5
Total Stocks, All Oils	204,593	332,607	1,324,659	45,395	142,041	2,049,294

— = No Data Reported.

¹ Lease stocks were excluded from crude oil stocks beginning with data for July 2016 (see explanatory notes).

² Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

³ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

⁴ Includes stocks held by merchant producers.

⁵ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁶ Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, February 2017
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	37	2,198	2,235	18,302	38,210	56,512	1,756
Connecticut	—	—	—	1,573	—	1,573	175
Delaware	—	—	—	1,093	617	1,710	71
District of Columbia	—	—	—	—	—	—	—
Florida	—	616	616	—	5,716	5,716	—
Georgia	—	274	274	—	3,254	3,254	—
Maine	—	—	—	428	334	762	143
Maryland	—	—	—	1,480	280	1,760	74
Massachusetts	5	—	5	1,490	124	1,614	23
New Hampshire	—	—	—	—	—	—	26
New Jersey	—	593	593	7,345	14,949	22,294	63
New York	32	—	32	1,232	2,366	3,598	500
North Carolina	—	232	232	—	2,699	2,699	306
Pennsylvania	—	12	12	1,160	4,506	5,666	165
Rhode Island	—	—	—	557	—	557	—
South Carolina	—	224	224	—	1,474	1,474	31
Vermont	—	73	73	—	—	—	7
Virginia	—	149	149	1,944	1,777	3,721	172
West Virginia	—	25	25	—	114	114	—
PAD District 2	—	3,936	3,936	5,287	38,870	44,157	141
Illinois	—	420	420	2,602	5,004	7,606	121
Indiana	—	300	300	1,159	4,839	5,998	—
Iowa	—	200	200	—	2,158	2,158	—
Kansas	—	340	340	—	4,930	4,930	10
Kentucky	—	272	272	476	1,013	1,489	8
Michigan	—	234	234	75	2,743	2,818	—
Minnesota	—	500	500	40	3,171	3,211	—
Missouri	—	174	174	246	854	1,100	—
Nebraska	—	105	105	—	889	889	—
North Dakota	—	130	130	—	1,127	1,127	—
Ohio	—	525	525	15	4,630	4,645	—
Oklahoma	—	344	344	—	3,201	3,201	2
South Dakota	—	57	57	—	532	532	—
Tennessee	—	192	192	—	1,983	1,983	—
Wisconsin	—	143	143	674	1,796	2,470	—
PAD District 3	—	7,266	7,266	6,954	48,675	55,629	221
Alabama	—	187	187	—	1,348	1,348	4
Arkansas	—	190	190	—	769	769	—
Louisiana	—	1,510	1,510	250	12,004	12,254	59
Mississippi	—	2,221	2,221	214	1,752	1,966	—
New Mexico	—	93	93	—	598	598	—
Texas	—	3,065	3,065	6,490	32,204	38,694	158
PAD District 4	—	1,590	1,590	—	5,647	5,647	2
Colorado	—	260	260	—	1,693	1,693	—
Idaho	—	317	317	—	203	203	—
Montana	—	414	414	—	1,614	1,614	—
Utah	—	153	153	—	1,089	1,089	2
Wyoming	—	446	446	—	1,048	1,048	—
PAD District 5	18	2,031	2,049	12,371	14,025	26,396	18
Alaska	—	726	726	—	—	—	15
Arizona	—	56	56	1,039	329	1,368	—
California	18	437	455	11,304	7,793	19,097	3
Hawaii	—	1	1	—	846	846	—
Nevada	—	113	113	9	311	320	—
Oregon	—	75	75	—	1,389	1,389	—
Washington	—	623	623	19	3,357	3,376	—
U.S. Total	55	17,021	17,076	42,914	145,427	188,341	2,138

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, February 2017
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	43,073	4,616	5,251	52,940	9,910	3,682
Connecticut	2,703	1,961	121	4,785	18	—
Delaware	352	36	68	456	425	48
District of Columbia	—	—	—	—	—	—
Florida	2,087	84	—	2,171	1,398	250
Georgia	1,282	—	—	1,282	456	13
Maine	930	2	925	1,857	123	—
Maryland	3,628	295	—	3,923	873	4
Massachusetts	805	716	534	2,055	224	—
New Hampshire	297	—	375	672	16	492
New Jersey	14,868	203	1,158	16,229	3,371	218
New York	7,289	102	670	8,061	1,541	476
North Carolina	1,274	—	21	1,295	—	353
Pennsylvania	3,847	285	1,013	5,145	612	1,313
Rhode Island	505	731	—	1,236	48	—
South Carolina	843	—	—	843	369	418
Vermont	62	—	23	85	—	—
Virginia	2,143	184	343	2,670	436	5
West Virginia	158	17	—	175	—	92
PAD District 2	27,295	165	515	27,975	1,392	9,929
Illinois	3,457	—	—	3,457	439	813
Indiana	3,932	—	51	3,983	46	352
Iowa	3,138	—	—	3,138	2	295
Kansas	2,391	—	—	2,391	31	4,386
Kentucky	849	—	4	853	238	267
Michigan	1,384	—	—	1,384	207	2,654
Minnesota	2,187	5	191	2,383	73	111
Missouri	764	42	7	813	55	173
Nebraska	1,042	—	—	1,042	—	123
North Dakota	1,122	1	—	1,123	70	65
Ohio	2,194	—	102	2,296	109	545
Oklahoma	1,630	50	130	1,810	27	65
South Dakota	738	—	—	738	—	30
Tennessee	907	—	—	907	45	6
Wisconsin	1,560	67	30	1,657	50	44
PAD District 3	31,186	1,586	3,191	35,963	23,209	24,765
Alabama	1,394	7	35	1,436	327	26
Arkansas	835	—	33	868	—	76
Louisiana	4,710	868	1,394	6,972	11,196	2,790
Mississippi	1,122	478	236	1,836	38	2,561
New Mexico	362	—	—	362	48	4
Texas	22,763	233	1,493	24,489	11,600	19,308
PAD District 4	2,998	188	32	3,218	284	187
Colorado	465	—	—	465	4	26
Idaho	260	—	—	260	—	—
Montana	1,356	80	—	1,436	97	20
Utah	467	54	32	553	70	84
Wyoming	450	54	—	504	113	57
PAD District 5	11,051	221	742	12,014	4,772	772
Alaska	1,025	—	90	1,115	241	5
Arizona	833	14	—	847	—	224
California	5,599	207	298	6,104	3,023	167
Hawaii	281	—	352	633	868	89
Nevada	263	—	2	265	—	—
Oregon	1,038	—	—	1,038	7	—
Washington	2,012	—	—	2,012	633	287
U.S. Total	115,603	6,776	9,731	132,110	39,567	39,335

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2017
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	189	73	0	3,396	29,517	7,265	3,897	1,513	22,055
Petroleum Products	11,358	811	0	12,630	31,260	5,585	3,530	94,226	16,121
Pentanes Plus	10	0	—	0	971	268	—	0	5,115
Liquefied Petroleum Gases	3,565	708	0	2,402	18,733	3,357	448	1,512	2,975
Unfinished Oils	18	0	—	0	460	—	—	0	242
Motor Gasoline Blending Components	5,255	0	0	1,146	1,641	683	0	45,565	4,133
Reformulated - RBOB	0	0	0	0	364	—	0	7,005	1,556
Conventional	5,255	0	0	1,146	1,277	683	0	38,560	2,577
CBOB	5,255	0	0	1,146	986	683	0	38,560	2,182
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	—	291	—	—	—	395
Renewable Fuels	0	0	0	7,236	6,412	—	0	251	21
Fuel Ethanol	0	0	0	7,136	6,178	209	2,966	251	0
Renewable Diesel Fuel ²	0	0	0	100	235	19	115	0	21
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	103	0	0	733	851	112	0	9,708	528
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	103	0	0	733	851	112	0	9,708	528
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	103	0	0	733	851	112	0	9,708	528
Finished Aviation Gasoline	0	0	0	0	0	—	0	403	23
Kerosene-Type Jet Fuel	191	0	0	112	18	627	0	12,796	1,258
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,197	0	0	1,001	1,121	310	0	23,254	1,495
15 ppm sulfur and under	2,197	0	0	1,001	1,121	310	0	21,719	1,400
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	164	95
Greater than 500 ppm sulfur	0	0	—	0	0	0	—	1,371	0
Residual Fuel Oil	0	103	—	0	926	—	—	0	38
Petrochemical Feedstocks	19	0	—	0	127	—	—	0	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	81	—	—	—	0
Other Oils for Petrochemical Feedstock Use	19	0	—	0	46	—	—	0	0
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	0	0	—	0	0	—	—	453	212
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	0	0	—	—	284	71
Miscellaneous Products	0	0	—	—	0	—	—	—	10
Total	11,547	884	0	16,026	60,777	12,850	7,427	95,739	38,176

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2017
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	139	0	17,027	623	0	0	0	0
Petroleum Products	0	4,628	0	7,242	5,915	2,159	0	19	19
Pentanes Plus	0	—	0	597	826	—	0	0	0
Liquefied Petroleum Gases	0	183	0	5,583	5,089	325	0	0	0
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,515	0	168	0	1,091	0	0	0
Reformulated - RBOB	—	2,296	0	0	0	0	0	0	—
Conventional	0	1,219	0	168	0	1,091	0	0	0
CBOB	0	1,219	0	168	0	1,091	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	0	—	—	0	—
Renewable Fuels	—	397	0	0	0	0	0	19	—
Fuel Ethanol	0	246	0	0	0	0	0	0	0
Renewable Diesel Fuel ²	0	151	0	0	0	0	0	19	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	379	0	309	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	379	0	309	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	379	0	309	0	0	0
Finished Aviation Gasoline	—	33	0	0	0	0	0	0	—
Kerosene-Type Jet Fuel	0	143	0	20	0	3	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	357	0	495	0	431	0	0	0
15 ppm sulfur and under	0	357	0	455	0	431	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	—	0	40	0	—	0	0	0
Residual Fuel Oil	—	—	0	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	—
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	—	—	0	0	0	—	0	0	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	0	—	0	0	—
Miscellaneous Products	—	—	—	0	0	—	—	0	—
Total	0	4,767	0	24,269	6,538	2,159	0	19	19

— = No Data Reported.

¹ Movements of crude oil, fuel ethanol and biodiesel include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2017
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	81	73	253	28,618	7,265	159	21,980	0	-
Petroleum Products	10,985	0	2,865	20,861	5,357	75,716	14,742	0	4,015
Pentanes Plus	10	0	0	971	268	0	5,115	0	-
Liquefied Petroleum Gases	3,254	0	764	17,319	3,357	1,181	2,529	0	-
Motor Gasoline Blending Components	5,255	0	730	1,350	683	37,689	4,052	0	3,515
Reformulated - RBOB	0	0	0	364	-	7,005	1,556	-	2,296
Conventional	5,255	0	730	986	683	30,684	2,496	0	1,219
CBOB	5,255	0	730	986	683	30,684	2,182	0	1,219
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	314	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel ¹	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	103	0	729	102	112	4,877	501	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	103	0	729	102	112	4,877	501	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	103	0	729	102	112	4,877	501	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	166	0	112	18	627	11,242	1,258	0	143
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,197	0	530	1,101	310	20,727	1,287	0	357
15 ppm sulfur and under	2,197	0	530	1,101	310	19,192	1,192	0	357
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	164	95	-	-
Greater than 500 ppm sulfur	0	0	0	0	0	1,371	0	0	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	11,066	73	3,118	49,479	12,622	75,875	36,722	0	4,015

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2017
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	17,027	330	—	0	0
Petroleum Products	0	7,242	5,915	1,834	0	0
Pentanes Plus	0	597	826	—	0	0
Liquefied Petroleum Gases	0	5,583	5,089	—	0	0
Motor Gasoline Blending Components	0	168	0	1,091	0	0
Reformulated - RBOB	0	0	0	0	0	—
Conventional	0	168	0	1,091	0	0
CBOB	0	168	0	1,091	0	0
GTAB	—	—	—	—	—	—
Other	—	0	0	—	0	—
Renewable Fuels	—	—	—	—	—	—
Fuel Ethanol	—	—	—	—	—	—
Renewable Diesel Fuel ¹	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	379	0	309	0	0
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	379	0	309	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	379	0	309	0	0
Finished Aviation Gasoline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	0	20	0	3	0	0
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	0	495	0	431	0	0
15 ppm sulfur and under	0	455	0	431	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	—	0	—
Greater than 500 ppm sulfur	0	40	0	—	0	0
Residual Fuel Oil	—	—	—	—	—	—
Miscellaneous Products	—	—	—	—	—	—
Total	0	24,269	6,245	1,834	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

¹ Renewable diesel fuel includes biodiesel and other renewable diesel.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 2017
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	108	0	—	279	414	—
Petroleum Products	62	103	0	891	3,539	0
Liquefied Petroleum Gases	—	0	—	0	0	—
Unfinished Oils	18	0	—	0	460	—
Motor Gasoline Blending Components	0	0	—	416	291	—
Reformulated - RBOB	—	—	—	—	—	—
Conventional	0	0	—	416	291	—
CBOB	0	0	—	416	0	—
GTAB	—	—	—	—	—	—
Other	0	0	—	—	291	—
Renewable Fuels	0	0	—	0	966	—
Fuel Ethanol	0	0	—	0	966	—
Renewable Diesel Fuel ¹	—	0	0	—	0	0
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	0	—	4	749	—
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	0	—	4	749	—
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	0	—	4	749	—
Finished Aviation Gasoline	0	0	0	0	0	0
Kerosene-Type Jet Fuel	25	0	—	0	0	—
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	0	0	—	471	20	—
15 ppm sulfur and under	0	0	—	471	20	—
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—
Residual Fuel Oil	0	103	—	0	926	—
Less than 0.31 percent sulfur	0	103	—	0	31	—
0.31 to 1.00 percent sulfur	0	0	—	—	31	—
Greater than 1.00 percent sulfur	0	0	—	—	864	—
Petrochemical Feedstocks	19	0	—	0	127	—
Naphtha for Petrochemical Feedstock Use	0	0	—	—	81	—
Other Oils for Petrochemical Feedstock Use	19	0	—	0	46	—
Special Naphthas	—	—	—	—	—	—
Lubricants	0	0	—	0	0	—
Waxes	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	0	0	—
Miscellaneous Products	0	0	—	—	0	—
Total	170	103	0	1,170	3,953	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 2017
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,354	—	1,354	—	75	—	0	0	0
Petroleum Products	18,207	—	264	17,943	912	163	0	0	0
Liquefied Petroleum Gases	28	—	—	28	—	—	0	—	0
Unfinished Oils	0	—	—	—	242	—	0	0	0
Motor Gasoline Blending Components	7,876	—	—	7,876	81	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	7,876	—	—	7,876	81	—	0	0	0
CBOB	7,876	—	—	7,876	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	81	—	—	0	0
Renewable Fuels	251	—	—	251	0	—	0	0	0
Fuel Ethanol	251	—	—	251	0	—	0	0	0
Renewable Diesel Fuel ¹	—	—	—	—	—	130	—	—	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	4,831	—	—	4,831	27	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	4,831	—	—	4,831	27	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	4,831	—	—	4,831	27	—	0	0	0
Finished Aviation Gasoline	403	—	17	386	23	33	0	0	0
Kerosene-Type Jet Fuel	1,554	—	—	1,554	0	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,527	—	—	2,527	208	—	0	0	0
15 ppm sulfur and under	2,527	—	—	2,527	208	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	0	—	—	—	38	—	0	0	0
Less than 0.31 percent sulfur	0	—	—	—	0	—	0	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	38	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	0	—	—	—	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	453	—	247	206	212	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	284	—	—	284	71	—	0	0	0
Miscellaneous Products	—	—	—	—	10	—	—	0	0
Total	19,561	—	1,618	17,943	987	163	0	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

¹ Renewable diesel fuel includes biodiesel and other renewable diesel.

Table 60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, February 2017
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	2,864	485	0	3,897
Propane	65	621	0	0	770	693	0	196
Propylene	0	0	–	–	346	633	–	–
Normal Butane	98	41	0	0	400	15	0	187
Isobutane	148	46	0	0	122	73	0	65
Fuel Ethanol	0	0	0	0	7,136	5,212	209	2,966
Biodiesel	0	0	0	0	100	235	19	115

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	139	0	0	293	0
Propane	172	257	0	0	0	0	0	113
Propylene	0	0	–	–	0	0	0	–
Normal Butane	117	116	0	139	0	0	0	176
Isobutane	14	73	0	44	0	0	0	36
Fuel Ethanol	0	0	0	246	0	0	0	0
Biodiesel	0	21	0	21	0	0	0	0

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	–
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	19	19

– = No Data Reported.

Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 61. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, February 2017
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	81	108	0	189
3	73	0	0	73
4	0	—	0	0
5	—	—	0	0
From 2 to				
1	253	279	2,864	3,396
3	28,618	414	485	29,517
4	7,265	—	0	7,265
5	—	—	3,897	3,897
From 3 to				
1	159	1,354	0	1,513
2	21,980	75	0	22,055
4	0	—	0	0
5	—	—	139	139
From 4 to				
1	0	0	0	0
2	17,027	0	0	17,027
3	330	0	293	623
5	—	—	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	—	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, February 2017
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	4,909	262	4,647	39,271	44,075	-4,804	30,213	23,707	6,506
Petroleum Products	106,856	12,169	94,687	34,721	53,006	-18,285	38,005	114,975	-76,969
Pentanes Plus	0	10	-10	5,722	1,239	4,483	1,797	5,115	-3,318
Liquefied Petroleum Gases	3,914	4,273	-359	12,123	24,940	-12,817	24,530	4,670	19,860
Ethane/Ethylene	45	3,191	-3,146	5,480	9,387	-3,907	9,961	514	9,447
Propane/Propylene	3,216	731	2,485	3,831	11,913	-8,082	11,146	2,682	8,464
Normal Butane/Butylene	517	144	373	1,534	2,707	-1,173	2,372	727	1,645
Isobutane/Isobutylene	136	207	-71	1,278	933	345	1,051	747	304
Unfinished Oils	0	18	-18	260	460	-200	460	242	218
Motor Gasoline Blending Components	46,711	5,255	41,456	9,556	3,470	6,086	1,641	53,213	-51,572
Reformulated - RBOB	7,005	0	7,005	1,556	364	1,192	364	10,857	-10,493
Conventional	39,706	5,255	34,451	8,000	3,106	4,894	1,277	42,356	-41,079
CBOB	39,706	5,255	34,451	7,605	2,815	4,790	986	41,961	-40,975
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	395	291	104	291	395	-104
Renewable Fuels	7,487	0	7,487	21	16,959	-16,938	6,431	669	5,763
Fuel Ethanol	7,387	0	7,387	0	16,489	-16,489	6,178	497	5,680
Renewable Diesel Fuel ¹	100	0	100	21	469	-449	254	171	82
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	10,441	103	10,338	1,010	1,696	-686	851	10,236	-9,385
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	10,441	103	10,338	1,010	1,696	-686	851	10,236	-9,385
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	10,441	103	10,338	1,010	1,696	-686	851	10,236	-9,385
Finished Aviation Gasoline	403	0	403	23	0	23	0	459	-459
Kerosene-Type Jet Fuel	12,908	191	12,717	1,469	757	712	18	14,197	-14,179
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	24,255	2,197	22,058	4,187	2,432	1,755	1,121	25,106	-23,985
15 ppm sulfur and under	22,720	2,197	20,523	4,052	2,432	1,620	1,121	23,476	-22,355
Greater than 15 ppm to 500 ppm sulfur	164	0	164	95	0	95	0	259	-259
Greater than 500 ppm sulfur	1,371	0	1,371	40	0	40	0	1,371	-1,371
Residual Fuel Oil	0	103	-103	38	926	-888	1,029	38	991
Petrochemical Feedstocks	0	19	-19	19	127	-108	127	0	127
Naphtha for Petrochemical Feedstock Use	0	0	-	0	81	-81	81	0	81
Other Oils for Petrochemical Feedstock Use	0	19	-19	19	46	-27	46	0	46
Special Naphthas	0	0	-	0	0	-	0	0	-
Lubricants	453	0	453	212	0	212	0	665	-665
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	284	0	284	71	0	71	0	355	-355
Miscellaneous Products	0	0	-	10	0	10	0	10	-10
Total	111,765	12,431	99,334	73,992	97,080	-23,089	68,218	138,682	-70,464

See footnotes at end of table.

Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts, February 2017
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	7,265	17,650	-10,385	4,037	0	4,037
Petroleum Products	5,604	15,316	-9,712	10,317	38	10,279
Pentanes Plus	268	1,423	-1,155	0	0	—
Liquefied Petroleum Gases	3,357	10,997	-7,640	956	0	956
Ethane/Ethylene	1,071	3,465	-2,394	0	0	—
Propane/Propylene	1,483	4,659	-3,176	309	0	309
Normal Butane/Butylene	589	1,936	-1,347	502	0	502
Isobutane/Isobutylene	214	937	-723	145	0	145
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	683	1,259	-576	4,606	0	4,606
Reformulated - RBOB	—	—	—	2,296	0	2,296
Conventional	683	1,259	-576	2,310	0	2,310
CBOB	683	1,259	-576	2,310	0	2,310
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Renewable Fuels	247	0	247	3,479	38	3,441
Fuel Ethanol	209	0	209	3,212	0	3,212
Renewable Diesel Fuel ¹	38	0	38	266	38	228
Other Renewable Fuels	—	—	—	0	0	—
Finished Motor Gasoline	112	688	-576	309	0	309
Reformulated	—	—	—	0	0	—
Reformulated Blended with Fuel Ethanol	—	—	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	112	688	-576	309	0	309
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	112	688	-576	309	0	309
Finished Aviation Gasoline	0	0	—	33	0	33
Kerosene-Type Jet Fuel	627	23	604	146	0	146
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	310	926	-616	788	0	788
15 ppm sulfur and under	310	886	-576	788	0	788
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	40	-40	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	0	0	—
Waxes	0	0	—	0	0	—
Asphalt and Road Oil	0	0	—	0	0	—
Miscellaneous Products	0	0	—	0	0	—
Total	12,869	32,966	-20,097	14,353	38	14,315

— = No Data Reported.

Movements of crude oil, fuel ethanol and biodiesel include movements by rail. Movements of other products are by pipeline, tanker and barge only.

¹ Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Appendix A

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

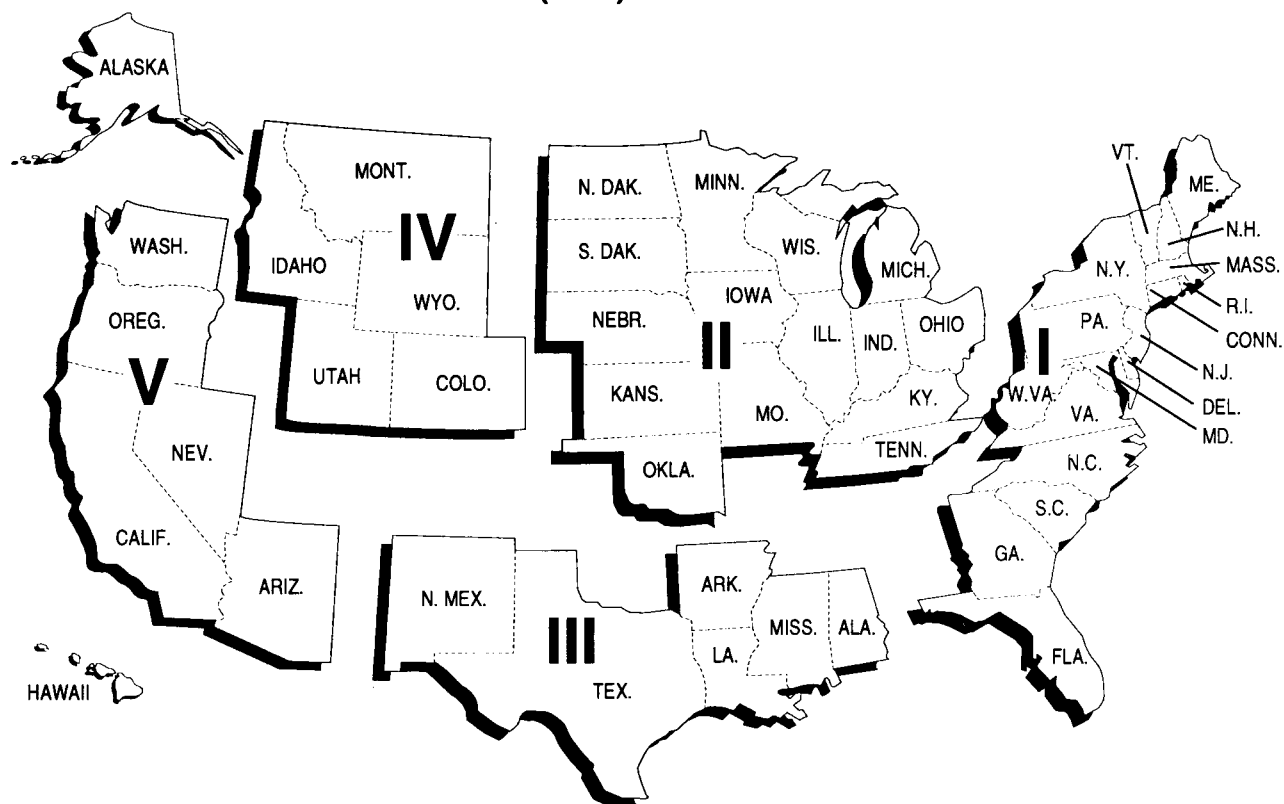
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

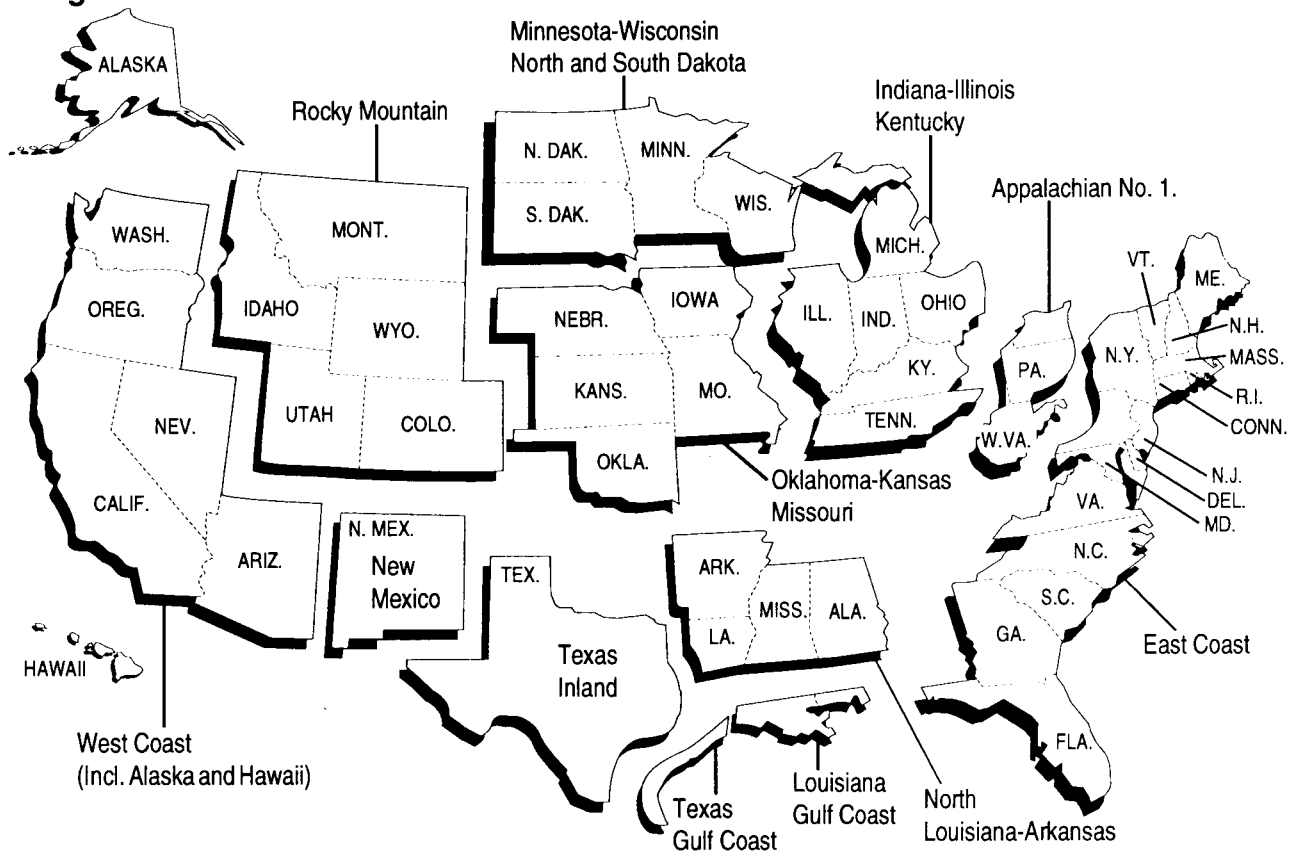
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



PSM Explanatory Notes

Preface

The *Petroleum Supply Monthly (PSM)* is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report (WPSR)* and the *Petroleum Supply Annual (PSA)*. Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The PSM tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the *PSM* are published in the *PSA*. The *PSA* is published approximately five months after the end of the report year.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the PSM are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called “implied” demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the “primary” supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, biodiesel producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the PSM at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials (e.g. propane) for the chemical industry.

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or the assumption that these values either remain constant or are small

compared to primary supply. The most recent study of secondary stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity.

C. Components of Supply and Disposition

The detailed statistics tables in the PSM provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to “Domestic Crude Oil Production” in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the

same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge, and Rail between PAD Districts are shown in Table 60.

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals.

Crude oil that is in-transit by water from Alaska and crude oil stored in the Strategic Petroleum Reserve is included. Primary

Crude oil that is in-transit by water from Alaska and crude oil stored in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Product stocks held as reserves by federal and state agencies are excluded from primary stock quantities reported by EIA, but quantities held in selected government reserves are provided in Appendix D.

Primary stocks of crude oil included barrels held on producing sites (lease stocks) until June 2016. Primary stocks of crude oil excluded lease stocks beginning with release of PSM data for July 2016 on September 30, 2016. Historical crude oil stocks in Petroleum Navigator were revised beginning with data for January 2005 to exclude lease stocks. Petroleum Navigator data may be accessed from the following locations on the EIA web site.

http://www.eia.gov/dnav/pet/pet_sum_snd_d_nus_mbb1_m_cur.htm
http://www.eia.gov/dnav/pet/pet_sum_crdsnd_k_m.htm
http://www.eia.gov/dnav/pet/pet_stoc_typ_c_nus_EPC0_mbb1_m.htm

2. Components - Forms Discussions

The data presented in the PSM include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, "Weekly Refinery Report,"
2. EIA-802, "Weekly Product Pipeline Report,"
3. EIA-803, "Weekly Crude Oil Stocks Report,"
4. EIA-804, "Weekly Imports Report,"
5. EIA-805, "Weekly Terminal Blender Report,"
6. EIA-809, "Weekly Oxygenate Report,"
8. EIA-22M, "Monthly Biodiesel Production Survey,"
9. EIA-810, "Monthly Refinery Report,"
10. EIA-812, "Monthly Product Pipeline Report,"
11. EIA-813, "Monthly Crude Oil Report,"
12. EIA-814, "Monthly Imports Report,"
13. EIA-815, "Monthly Terminal Blender Report,"
14. EIA-816, "Monthly Natural Gas Liquids Report"
15. EIA-817, "Monthly Tanker and Barge Movement Report"
16. EIA-819, "Monthly Oxygenate Report"

17. EIA-820, "Annual Refinery Report."

Both weekly and monthly surveys are administered at six key points along the petroleum production and supply chain including refineries, fractionators, natural gas processing plants, bulk product storage and blending terminals, crude oil and product pipelines, crude oil stock holders, importers, and renewable fuel (biodiesel and fuel ethanol) and oxygenate producing plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Respondents reporting on weekly surveys are sampled from among the respondents reporting on monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, "Annual Refinery Report." The EIA-820 data are published in the annual "Refinery Capacity Report."

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-22M "Monthly Biodiesel Production Survey" collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

The Form EIA-810, "Monthly Refinery Report," collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, "Monthly Product Pipeline Report," collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, "Monthly Crude Oil Report," collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts

are not included. Crude oil storage capacity of tank farms is collected on a semi-annual basis.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia. The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, “Monthly Terminal Blender Report,” collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, “Monthly Natural Gas Liquids Report,” collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, “Monthly Tanker and Barge Movement Report,” collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, “Monthly Oxygenate Report” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities

currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

Respondents to Form EIA-810, “Monthly Refinery Report” include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, “Monthly Product Pipeline Report” include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, “Monthly Crude Oil Report” include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil tank farm operators, and companies transporting Alaskan crude oil by water (to U.S. ports) in the 50 States and the District of Columbia.

Respondents to Form EIA-814, “Monthly Imports Report” include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, “Monthly Terminal Blender Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands,

Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, “Monthly Natural Gas Liquids Report” include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, “Monthly Tanker and Barge Movement Report” include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, “Monthly Oxygenate Report” include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years. Anomalies

result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the *Petroleum Supply Annual (PSA)*.

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, “Comparison of Independent Statistics on Petroleum Supply.” Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

<http://www.eia.gov/petroleum/supply/monthly/>

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA’s petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which “pivot” to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at: <http://www.eia.gov/petroleum/data.cfm>

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and state oil production for the current reference month, published in Tables 1 through 26 of the PSM, are based on:

- (a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;
- (b.) crude oil production data reported on Form EIA-914, "Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report." For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.
- (c.) first purchase data reported on Form EIA-182 "Domestic Crude Oil First Purchase Report." For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." Table 26 contains estimates for crude oil production for state and federal offshore areas reported by state agencies and the Bureau of Safety and Environmental Enforcement or estimated by EIA using the ALR or WLS methods discussed above. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly (<http://www.eia.gov/petroleum/supply/monthly/>) using reports from state agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum

Navigator and the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Movements of crude oil by railroad

The volume of crude oil, ethanol, biodiesel, propane, propylene, normal butane, and isobutane moving by railroad is calculated using several data sources including Carload Waybill Sample (CWS) data from the U.S. Surface Transportation Board (STB), data from the National Energy Board of Canada (NEB), data in EIA's Oil and Gas Supply Module (OGSM) within the National Energy Modeling system (NEMS) for data prior to 2015, the EIA-915 survey starting in January 2015, and an estimation procedure developed by EIA for months in which data these data are not available.

Once the data necessary for calculating rail movements become available, which may take as long as 60 days after the end of a calendar quarter, EIA will revise the estimates made.

Movements of crude oil, ethanol, biodiesel, propane, propylene, normal butane, and isobutane by rail are based on EIA analysis of carload data from the STB CWS. Additional data from the NEB, OGSM, and the EIA-915 are used for estimating factors for converting carloads to barrels of crude oil. Carloads of ethanol, biodiesel, propane, propylene, normal butane, and isobutane are converted to barrels using data from the CWS.

Carload data from the STB are available approximately 60 days after the end of each quarter. For example, carload data for the first quarter of each year are typically available by about June 1. Therefore, recent-month rail movements reported by EIA in the Petroleum Supply Monthly and Petroleum Navigator are modeled based on historical rail movement averages, medians, or correlations of rail movements derived from actual carload data with other regional supply data collected by EIA or other sources including field production, imports, refinery and blender inputs, movements other than rail, exports, and supply adjustments.

Estimates of rail movements are subject to revision on a monthly basis as new, more complete, and more accurate data become available. Monthly revisions will typically affect data available through Petroleum Navigator on the EIA web site for the current year and up to two prior years. To the extent that revisions are needed to data more than 2 years in the past, these revisions will be made once a year at the time when Petroleum Navigator tables are updated with final data for a year from the Petroleum Supply Annual. Petroleum Supply Monthly and Petroleum Supply Annual tables released as PDF files will not be revised.

(4.) Stocks of Crude Oil held on Producing Sites (Lease Stocks)

The adjustment for lease stocks was discontinued beginning with PSM data for July 2016 released on September 30, 2016 because EIA discontinued reporting crude oil stocks held on producing sites (lease stocks). The lease stock adjustment remains in all historical EIA lease stocks data.

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the “lease adjustment,” a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the “lease adjustment” could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(5.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas

processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(6.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

Note on MTBE Adjustment: The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each

PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated

to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(8.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum

of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum

supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments.

(9.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for December 2010

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and to total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

(10.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

(11.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD District movements.

(12.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol).

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article “Accuracy of Petroleum Supply Data.” Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the PSM has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the PSA. These values reflect all PSM resubmissions and other data corrections. The values contained in the PSA are EIA’s most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the Previously published Petroleum Supply Annual every month in the Petroleum Supply Navigator (<http://www.eia.gov/petroleum/supply/monthly/>). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in the Petroleum Supply Navigator.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The PSM preliminary monthly data serve as leading indicators of the final monthly data published in the PSA. The PSM monthly data are not expected to have the same level of accuracy as the final monthly data published in the PSA. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the PSM are compared with the final monthly aggregates published in the PSA. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the

public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Northeast Reserves

Reserves inventories are not considered to be in the commercial sector and are excluded from EIA's commercial motor gasoline and distillate fuel oil supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve classified as ultra-low sulfur distillate (15 parts per million)

Terminal Operator	Location	Thousand Barrels
Buckeye Partners LP	Port Reading, NJ	300
Buckeye Partners LP	Groton, CT	300
Global Companies LLC	Revere, MA	400

Source: U. S. Energy Information Administration

Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
BP Products North America	Carteret, NJ	200
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	500
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

Other reserves information from the U.S. Department of Energy, Office of Petroleum Reserves can be found at <http://energy.gov/fe/services/petroleum-reserves/>

State of New York's Strategic Fuels Reserve Program

State reserve inventories are also not considered to be in the commercial sector and are excluded from EIA's commercial inventories and are excluded from supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	87
Fuel Ethanol	NY	10
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

Definitions of Petroleum Products and Other Terms

(Revised May 2010)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C_4H_{10}). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C_4H_{10}). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C_4H_{10}). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Outer continental shelf as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See *Catalytic Hydrotreating*.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See *No. 1 Distillate*.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See *No. 1 Distillate*.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See *No. 2 Distillate*.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See **Motor Gasoline Blending Components**.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH_3OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) $(CH_3)_3COCH_3$. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C_5H_{12}) , obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Gabon (1975-1994 and July, 2016-present), Indonesia (1962-2008 and January, 2016-November, 2016), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives and gilsonite. Excludes natural gas used for fuel or hydrogen feedstock.

Other Oils Equal To or Greater Than 401° F. See *Petrochemical Feedstocks*.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See *Motor Gasoline (Finished)*.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that

the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C_3H_6) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal

to a PAD District.

TBA (Tertiary butyl alcohol) $(CH_3)_3COH$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene $(C_6H_5CH_3)$. Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes all marketable wax, whether crude or refined, with a congealing point

(ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.